British. EAST AFRICAN

METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1948.

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EAST AFRICAN

METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1948.

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SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ELDORET (A), 1948.

Lat.: 0°33'N Long.: 35°17'E Alt.: 7050 ft. Standard Time 3h 00m East. Ref. No. 89.35/86.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs			
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	23.314	23.258	61.7	73.8	48.9	42.8	.348	.278	.210	.564	63	33	4.3	7.0	1	14	8	7	1	21.6	0.85	0.69	20	4	2
February	23.320	23.264	63.2	76.3	46.6	40.1	.322	.251	.266	.664	55	27	4.2	6.1	0	15	9	5	0	11.2	0.44	0.36	24	2	1
March	23.317	23.264	62.4	73.5	49.0	43.7	.351	.286	.219	.547	62	35	5.3	7.0	0	10	10	10	1	44.2	1.74	1.35	9	8	3
April	23.311	23.255	62.6	74.0	52.0	46.9	.393	.325	.180	.523	69	39	6.9	7.9	0	1	12	15	2	124.7	4.91	1.69	22	12	7
May	23.338	23.287	62.4	71.0	54.1	50.0	.422	.363	.142	.405	75	48	5.8	7.2	0	5	13	13	0	70.1	2.76	1.02	13	11	8
June	23.373	23.323	59.5	68.1	53.6	52.3	.416	.396	.098	.298	81	57	5.7	7.7	0	7	11	10	2	102.6	4.04	0.96	9	21	15
July	23.352	23.308	58.3	66.1	52.9	51.6	.405	.387	.088	.260	82	60	6.0	7.9	2	3	13	12	1	173.2	6.82	1.67	30	24	21
August	23.346	23.293	59.4	66.5	53.3	52.5	.410	.399	.104	.257	80	61	6.0	7.8	0	8	10	10	3	70.6	2.78	0.43	10	19	27
September	23.338	23.275	61.4	70.0	52.2	50.1	.396	.366	.153	.378	72	50	4.4	7.1	0	16	5	7	2	102.1	4.02	1.40	3	7	15
October	23.332	23.261	62.6	71.4	51.5	49.4	.384	.357	.189	.420	67	46	5.8	6.9	0	11	4	12	4	104.6	4.12	0.72	27	19	14
November	23.323	23.267	61.4	70.8	50.2	48.6	.366	.346	.186	.416	67	45	4.7	6.6	0	9	15	6	0	16.0	0.63	0.45	23	5	1
December	23.317	23.261	60.1	71.3	50.3	46.7	.366	.322	.160	.455	70	42	5.1	7.3	1	7	12	11	0	13.5	0.53	0.30	28	5	3
Year	23.332	23.276	61.2	71.1	51.2	48.9	.382	.340	.166	.432	70	45	5.3	7.2	4	106	122	118	16	854.4	33.64	1.69	Apr 22	137	117

@ At station level: corrected for Temperature and to standard level.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	7	23	1	0	0	0	0	0	26	5	0	9.8	14.5	79.3	17	42.6	13	75.6	48.2	61.9	33.8	19.8	27.3	0	0	31
February	0	3	23	2	1	0	0	0	0	7	22	0	16.1	17.9	80.1	16	42.9	14	78.2	49.5	63.9	35.1	24.2	28.6	0	0	29
March	1	2	21	5	1	0	1	0	0	12	19	0	14.5	18.3	80.4	25	44.6	18,19	76.4	50.0	63.2	34.6	15.8	26.4	0	0	31
April	0	0	15	14	1	0	0	0	0	21	9	0	11.2	14.5	80.4	2	45.8	5	76.5	52.0	64.3	32.4	16.7	24.5	0	0	30
May	4	1	9	14	3	0	0	0	0	31	0	0	6.3	13.0	76.0	9	45.8	25	73.7	51.0	62.3	28.6	17.2	22.7	0	0	31
June	2	3	14	5	2	1	3	0	0	30	0	0	6.3	10.1	74.6	2	44.8	22	71.0	50.9	60.9	26.0	14.0	30.	0	0	30
July	0	4	16	7	2	1	1	0	0	31	0	0	5.6	11.0	72.0	6,7	44.6	5,7	69.6	49.6	59.6	27.4	13.6	19.9	0	2	29
August	5	9	13	1	3	0	0	0	0	30	1	0	4.0	5.8	74.2	27	44.6	12	70.5	48.4	59.5	28.0	15.8	22.1	0	0	31
September	4	11	13	0	1	0	1	0	0	30	0	0	3.1	7.2	75.2	21	42.4	16,29	72.8	47.5	60.1	31.2	16.1	25.2	0	0	30
October	5	7	15	2	2	0	0	0	0	31	0	0	5.1	6.3	76.7	22	44.7	2	73.9	49.8	61.9	30.4	13.7	24.1	0	0	31
November	0	2	22	6	0	0	0	0	0	14	16	0	12.3	14.5	76.4	18,23	44.4	1	72.9	50.5	61.7	29.1	16.1	22.4	0	0	30
December	0	7	20	2	2	0	0	0	0	18	13	0	10.1	13.0	78.3	18	42.3	27	73.8	49.9	61.9	32.3	18.3	25.9	0	9	22
Year	21	56	204	59	18	2	6	0	0	281	85	0	8.7	12.2	80.4	Mar25 Apr.2	42.3	Dec. 27	73.7	49.8	61.8	35.1	13.6	23.9	0	11	355

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT EQUATOR METEOROLOGICAL STATION, 1948.

Lat.: 0°00' Long.: 35°33'E Alt.: 9062 ft. Standard Time 3h 00m East. Ref. No. 90.35/68.

Month	Atmospheric Pressure		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.		Rain	Thunder.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	21.703	21.659	54.5	66.4	44.9	39.9	.298	.248	.130	.408	70	38	4.4	6.2	0	16	8	6	1	7.9	0.31	0.15	16,20	3	7
February	21.715	21.671	55.1	69.6	43.4	37.0	.284	.222	.156	.510	65	30	4.1	5.7	0	12	14	3	0	2.5	0.10	0.07	21	3	4
March	21.713	21.666	54.1	67.2	45.5	40.2	.307	.251	.115	.422	73	38	5.3	6.7	0	11	10	8	2	55.4	2.18	1.10	9	9	7
April	21.704	21.658	54.2	65.5	48.6	44.8	.346	.298	.079	.337	82	47	6.6	7.5	0	3	10	15	2	117.3	4.62	1.13	22	13	13
May	21.728	21.687	55.6	65.4	49.4	47.4	.354	.331	.092	.301	79	52	5.4	7.4	0	10	9	11	1	121.2	4.77	1.03	4	17	28
June	21.751	21.719	53.9	59.1	47.6	48.6	.334	.346	.085	.162	80	69	6.1	8.3	0	9	6	11	4	175.5	6.91	0.89	12	22	17
July	21.731	21.704	51.9	57.2	47.2	48.1	.328	.340	.062	.135	84	72	6.6	9.0	0	7	5	16	3	192.3	7.57	1.04	21	20	22
August	21.725	21.696	52.6	57.6	47.3	49.1	.328	.351	.071	.130	82	73	6.5	8.4	0	6	10	8	7	222.0	8.74	1.45	9	20	21
September	21.716	21.681	54.6	60.2	46.2	44.9	.316	.301	.115	.228	74	57	5.7	8.4	0	8	8	12	2	129.5	5.10	1.41	6	14	16
October	21.719	21.672	54.1	61.1	47.1	45.9	.328	.313	.094	.233	78	58	6.5	8.4	0	5	9	14	3	132.3	5.21	0.85	21	16	11
November	21.705	21.663	51.2	61.4	47.9	46.4	.337	.319	.044	.230	89	58	7.6	7.8	0	1	9	19	1	22.4	0.88	0.22	21	13	2
December	21.705	21.657	51.5	61.1	46.4	46.4	.319	.319	.065	.227	83	59	8.4	8.5	0	0	2	24	5	35.3	1.39	0.55	30	11	5
Year	21.718	21.678	53.6	62.7	46.8	44.9	.323	.303	.092	.277	78	54	6.1	7.7	0	88	100	147	31	1213.6	47.78	1.45	Aug. 9	161	153

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + ½ Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	1	28	2	0	0	0	0	0	0	10	21	0	16.3	15.0	72.8	15,31	43.0	1	68.6	46.3	57.5	28.2	15.0	22.3	0	0	31
February	0	20	9	0	0	0	0	0	0	8	21	0	17.2	17.2	74.2	11	43.4	9	71.0	46.3	58.7	27.9	20.0	24.8	0	0	29
March	0	22	7	1	0	0	0	1	0	11	20	0	17.0	20.6	73.5	28	43.2	7	69.1	46.3	57.7	29.3	13.8	22.8	2	1	28
April	0	20	10	0	0	0	0	0	0	14	16	0	13.6	14.3	72.4	15	44.4	12	67.6	47.7	57.7	25.4	13.2	19.9	1	1	28
May	0	17	10	3	0	0	1	0	0	25	6	0	9.6	13.6	69.4	18	45.2	25	66.7	47.7	57.2	22.0	13.5	19.1	0	1	30
June	1	18	3	3	0	1	2	2	0	30	0	0	8.7	10.3	65.4	7	42.0	22	62.3	46.8	54.5	21.9	6.5	15.5	0	0	30
July	4	11	3	1	2	1	7	2	0	30	1	0	8.7	9.6	65.7	7	41.5	26	59.8	45.6	52.7	22.7	6.5	14.2	1	0	30
August	7	14	1	3	1	1	3	1	0	29	2	0	7.6	9.4	69.4	24	40.9	9	60.7	45.3	53.0	25.4	8.6	15.4	1	0	30
September	2	21	5	1	0	0	1	0	0	24	6	0	10.3	11.9	68.0	13,22	43.0	30	63.0	45.7	54.3	23.0	8.9	17.3	1	0	29
October	1	15	10	4	0	1	0	0	0	23	8	0	11.9	14.3	67.8	3	42.0	6	64.5	46.2	55.3	23.6	10.0	18.3	2	0	29
November	1	21	8	0	0	0	0	0	0	7	23	0	16.3	15.4	66.0	23	41.9	1	63.0	46.1	54.5	21.6	12.2	16.9	0	0	30
December	2	13	11	0	0	1	1	3	0	13	18	0	16.8	13.6	68.2	26	42.6	22	63.2	46.0	54.6	24.0	11.7	17.2	4	5	22
Year	19	220	79	16	3	5	15	9	0	224	142	0	12.8	13.8	74.2	Feb. 11	40.9	Aug. 9	64.9	46.3	55.6	29.3	6.5	18.6	12	8	346

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT GARISSA, D.C., 1948.

Lat.: 0°29'S Long.: 39°38'E Alt.: 600 ft. Standard Time 3h 00m. Ref. No. 90.39/00.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb 8.30	Temperature Dry Bulb 14.30	Temperature Dew Point 8.40	Temperature Dew Point 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24 hrs ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	77.6	92.5	69.4	67.8	.726	.685	.228	.857	76	44	9.4	6.0	0	0	1	10	20	0.0	0.00	0.00	-	0	0
February	-	-	78.1	92.6	69.7	68.1	.732	.694	.240	.851	75	45	8.8	5.1	0	1	0	17	11	8.1	0.32	0.20	27	3	0
March	-	-	80.6	95.4	71.6	66.7	.783	.661	.271	1.020	74	39	8.0	6.5	0	1	0	27	3	1.0	0.04	0.04	5	1	0
April	-	-	81.2	95.1	75.4	68.1	.830	.694	.245	.972	77	42	7.7	7.4	0	0	3	25	2	37.6	1.48	0.60	22	6	0
May	-	-	80.8	94.5	71.4	67.4	.777	.679	.286	.960	73	41	5.2	7.2	0	11	5	15	0	0.0	0.00	0.00	-	0	0
June	-	-	77.9	90.4	68.3	64.5	.697	.614	.269	.827	72	42	6.3	7.3	0	9	0	21	0	0.0	0.00	0.00	-	0	0
July	-	-	75.4	88.1	66.8	61.9	.664	.558	.225	.783	75	42	8.1	7.7	0	1	0	26	4	4.8	0.19	0.12	1	2	0
August	-	-	75.6	88.8	66.8	62.2	.664	.564	.231	.806	74	41	8.3	7.6	0	0	2	21	8	0.0	0.00	0.00	-	0	0
September	-	-	76.4	90.7	66.6	62.3	.659	.567	.259	.889	72	39	8.4	6.5	0	0	0	23	7	2.0	0.08	0.05	18	2	0
October	-	-	78.3	90.9	70.1	66.4	.744	.656	.233	.809	76	45	8.4	7.6	0	0	1	26	4	15.2	0.60	0.26	8	5	0
November	-	-	78.9	90.1	72.8	69.3	.815	.724	.183	.705	82	51	7.9	7.6	0	0	3	26	1	129.0	5.08	1.38	14	11	0
December	-	-	78.1	90.0	72.6	70.7	.809	.759	.163	.664	83	53	8.0	7.7	0	1	3	25	2	112.5	4.43	1.18	2	10	0
Year	-	-	78.2	91.6	69.9	66.3	.742	.655	.236	.845	76	44	7.9	7.0	0	24	18	262	62	310.2	12.22	1.38	Nov. 14	40	0

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	15	16	0	0	0	0	31	0	0	2.2	3.1	99.0	30	65.4	23	95.9	70.8	83.3	31.2	18.8	25.1	0	0	31
February	0	0	0	2	27	0	0	0	0	29	0	0	3.4	3.4	99.0	4	65.0	18	96.9	71.3	84.1	33.6	19.0	25.6	0	0	29
March	0	0	0	0	30	1	0	0	0	31	0	0	2.9	2.9	101.0	1/	72.0	4,6	99.1	74.1	86.6	28.0	21.8	25.0	0	0	31
April	0	0	0	0	28	2	0	0	0	30	0	0	3.6	4.9	100.4	5	71.4	23	97.3	74.7	86.0	26.4	9.0	22.6	0	0	30
May	0	0	0	0	31	0	0	0	0	31	0	0	6.7	9.4	99.0	8	70.0	21,24	96.4	73.1	84.7	26.0	21.0	23.3	0	0	31
June	0	0	0	0	30	0	0	0	0	30	0	0	5.8	9.6	95.0	7	63.0	25	92.3	70.1	81.2	30.0	17.6	22.1	0	0	30
July	0	0	0	0	31	0	0	0	0	31	0	0	5.8	9.6	92.4	10	67.0	often	90.1	68.7	79.4	24.8	18.0	21.4	0	0	31
August	0	0	0	0	31	0	0	0	0	31	0	0	6.5	11.0	93.2	11	64.6	13	90.5	69.1	79.8	26.4	13.0	21.3	0	0	31
September	0	0	0	0	30	0	0	0	0	30	0	0	6.5	8.7	96.0	2	63.0	6	92.9	69.8	81.3	30.4	17.6	23.0	0	0	30
October	0	0	0	0	30	1	0	0	0	31	0	0	5.6	5.6	97.0	often	69.4	6	93.9	71.8	82.9	26.6	15.6	22.1	0	0	31
November	0	0	0	0	30	0	0	0	0	29	1	0	3.4	3.4	97.0	2	68.0	15	92.1	72.1	82.1	24.0	9.0	20.0	0	0	30
December	0	0	0	0	30	1	0	0	0	31	0	0	2.5	2.5	98.0	27	67.0	often	92.7	70.6	81.7	28.6	16.4	22.1	0	0	31
Year	0	0	0	17	344	5	0	0	0	365	1	0	4.6	6.2	101.0	1/	63.0	6	94.2	71.3	82.7	33.6	9.0	22.8	0	0	366

1/ March 23, 24 and 31.

6 June 25 and September 6.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ISIOLO, 1948.

Lat.: 0°21'N Long.: 37°35'E Alt.: 3621 ft. Standard Time 3h 00m East. Ref. No. 89.37/03.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb h 8.30	Dry Bulb h 14.30	Dew Point h 8.30	Dew Point h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs. ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	–	–	74.1	83.3	60.3	56.1	.529	.455	.321	.697	62	40	1.2	4.7	24	2	2	3	0	2.8	0.11	0.11	4	1	0
February	–	–	75.8	86.1	59.1	57.0	.508	.470	.393	.788	57	37	1.6	4.6	17	5	5	2	0	53.3	2.10	1.25	27	4	0
March	–	–	73.9	81.5	61.8	61.8	.558	.558	.287	.529	66	52	1.7	6.3	22	1	5	2	1	113.5	4.47	1.68	9	9	0
April	–	–	73.8	83.9	63.8	60.9	.599	.540	.243	.638	71	46	3.2	6.3	14	2	9	4	1	117.9	4.64	1.63	21	9	0
May	–	–	73.6	84.3	62.2	62.6	.564	.573	.272	.617	67	48	1.9	4.0	22	0	5	4	0	13.2	0.52	0.42	15	2	0
June	–	–	71.9	83.5	58.4	59.0	.493	.505	.298	.656	63	44	1.4	4.1	21	3	4	2	0	0.0	0.00	0.00	–	0	0
July	–	–	69.8	82.0	58.5	57.5	.496	.478	.239	.626	67	44	4.5	5.3	8	6	8	9	0	6.3	0.25	0.25	11	1	0
August	–	–	69.2	82.3	57.9	56.7	.484	.470	.237	.646	67	42	3.0	5.3	16	3	6	5	1	0.0	0.00	0.00	–	0	0
September	–	–	71.7	85.0	58.8	56.2	.502	.458	.284	.759	64	38	1.4	5.5	22	2	4	2	0	10.2	0.40	0.18	23	3	0
October	–	–	72.4	82.5	60.3	58.6	.529	.499	.274	.623	66	45	3.0	6.9	14	5	6	5	1	100.8	3.97	1.43	30	7	0
November	–	–	71.5	75.9	62.9	64.4	.582	.611	.201	.293	75	68	3.5	7.6	17	1	1	9	2	86.9	3.42	0.76	20	13	0
December	–	–	71.9	78.8	63.3	65.4	.588	.632	.200	.360	75	64	4.1	7.1	14	0	6	11	0	71.6	2.82	0.62	4	9	0
Year	–	–	72.5	82.4	60.6	59.7	.536	.521	.271	.603	67	47	2.5	5.6	211	30	61	58	6	576.5	22.70	1.68	Mar 9	58	0

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	31	0	0	0	0	0	26	5	0	8.1	12.1	90.8	27	53.5	11,12	86.3	58.2	72.3	33.1	18.4	28.1	0	0	31
February	0	0	0	23	0	0	0	0	6	22	1	0	3.1	5.1	92.5	15	58.4	8	89.4	62.5	75.9	32.6	17.6	26.9	0	0	29
March	0	0	0	27	1	0	0	0	3	23	5	0	6.0	8.1	91.5	26	57.8	20	85.4	61.3	73.3	31.7	14.1	24.1	0	0	31
April	0	1	0	27	0	0	0	0	2	20	8	0	10.7	13.0	93.5	16	58.4	28	86.7	64.1	75.4	29.5	15.2	22.6	0	0	30
May	0	0	0	31	0	0	0	0	0	13	18	0	16.8	19.9	89.0	9,26	61.0	9	86.5	65.0	75.7	28.0	18.0	21.5	0	0	31
June	0	0	0	29	0	0	0	0	1	9	20	0	17.2	20.4	92.3	21	59.0	22	85.8	63.3	74.5	31.3	17.0	22.5	0	0	30
July	0	0	0	31	0	0	0	0	0	14	17	0	17.2	19.0	86.3	27	58.0	12	84.0	62.5	73.3	26.5	15.0	21.5	0	0	31
August	0	0	0	30	1	0	0	0	0	5	26	0	22.8	21.7	88.6	31	59.2	13	84.8	62.4	73.6	27.8	14.0	22.5	0	0	31
September	0	0	0	30	0	0	0	0	0	11	19	0	17.7	10.3	90.1	17	59.0	23	87.5	62.6	75.1	30.1	19.0	24.9	0	0	30
October	0	0	0	30	0	0	0	0	1	19	11	0	12.5	10.7	91.0	1	62.1	6	86.0	64.6	75.3	26.9	7.6	21.5	0	0	31
November	1	0	0	17	0	1	1	0	10	20	0	0	2.0	6.0	84.0	often	54.3	12	80.7	60.2	70.5	28.7	13.7	20.5	0	0	30
December	0	0	0	13	1	0	0	1	16	15	0	0	2.0	6.0	88.6	22	54.3	21	82.6	59.7	71.1	32.6	13.6	22.9	0	0	31
Year	1	1	0	319	3	1	1	1	39	197	130	0	11.3	12.7	93.5	Apr. 16	53.5	Jan 11,12	85.5	62.2	73.8	33.1	7.6	23.3	0	0	366

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KABETE, THE OBSERVATORY, 1948.

Lat.: 1°16'S Long.: 36°45'E Alt.: 5971 ft. Standard Time 3h 00m East. Ref. No. 91.36/30.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs		Rain	Thunder.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.		Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	24.259	24.175	62.7	76.9	53.5	48.6	.413	.346	.163	.587	72	37	5.4	5.4	4	7	5	13	2	0.0	0.00	0.00	-	0	0
February	24.282	24.197	62.2	78.4	54.6	45.7	.431	.310	.133	.670	76	32	6.2	5.3	3	7	1	11	7	7.4	0.29	0.23	27	3	0
March	24.271	24.185	62.8	76.1	55.7	51.0	.449	.378	.130	.532	78	42	7.1	7.1	0	5	6	14	6	87.4	3.44	0.99	3	10	2
April	24.271	24.188	61.1	75.3	57.8	55.7	.481	.416	.062	.411	89	51	9.4	8.0	0	0	0	15	15	221.5	8.72	2.70	22	17	2
May	24.309	24.235	60.8	70.9	56.9	56.6	.467	.464	.070	.301	87	61	9.1	8.3	0	0	2	14	15	118.6	4.67	1.22	16	18	1
June	24.345	24.282	57.4	67.0	53.7	54.2	.416	.425	.059	.242	87	64	9.5	8.5	0	0	1	7	22	82.3	3.24	1.59	10	12	0
July	24.324	24.262	56.3	66.6	51.9	52.5	.390	.399	.068	.262	85	61	9.5	9.1	0	0	0	12	19	2.5	0.10	0.06	2	4	0
August	24.330	24.262	56.3	67.2	51.8	51.4	.390	.384	.068	.289	85	57	9.6	8.8	0	0	0	12	19	63.0	2.48	2.45	4	4	0
September	24.306	24.218	57.9	72.2	52.8	50.1	.405	.366	.082	.434	83	46	9.1	7.6	0	0	2	15	13	20.3	0.80	0.33	2	6	1
October	24.306	24.212	61.7	73.9	54.0	49.9	.422	.363	.133	.482	76	45	8.6	8.2	0	0	3	21	7	59.4	2.34	1.14	28	8	2
November	24.303	24.274	60.3	69.9	56.1	54.6	.455	.431	.074	.307	86	59	9.3	7.8	0	0	0	16	14	85.3	3.36	0.59	30	16	0
December	24.277	24.191	60.7	69.2	55.9	56.6	.452	.464	.085	.257	84	65	9.2	8.8	0	0	0	18	13	193.0	7.60	0.92	15	19	6
Year	24.299	24.223	60.0	71.8	54.5	52.1	.431	.395	.094	.398	82	51	9.5	7.7	7	19	20	168	152	940.7	37.04	2.70	Apr. 22	117	14

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	6	17	3	0	0	0	0	0	5	26	0	0	3.4	11.9	83.0	25,26	48.3	13	79.1	53.8	66.5	30.8	17.8	25.3	0	0	31
February	5	19	1	0	0	0	0	2	2	27	0	0	5.4	14.5	83.5	5	49.5	14	80.8	55.0	67.9	33.0	13.6	25.8	0	0	29
March	6	16	2	0	0	2	0	0	5	26	0	0	3.4	12.1	84.0	25	51.0	24	78.4	56.0	67.2	30.9	10.3	22.4	0	0	31
April	2	11	9	3	0	0	1	2	2	28	0	0	4.0	10.1	81.8	15	53.0	28	76.1	58.0	67.1	23.8	10.8	18.1	1	0	29
May	2	2	8	11	4	0	0	1	3	27	1	0	4.0	9.4	77.0	10	52.0	22	73.2	57.1	65.1	22.0	4.3	16.2	0	1	30
June	4	3	0	11	4	0	0	0	8	22	0	0	2.9	6.9	73.6	9	47.5	21	69.2	54.0	61.6	20.4	8.0	15.2	0	4	26
July	0	0	3	9	8	1	1	1	8	22	1	0	3.4	8.3	74.0	28	47.2	8	69.1	52.2	60.7	25.0	9.4	16.9	0	4	27
August	1	6	1	8	6	1	0	0	8	23	0	0	3.4	8.1	79.2	3	47.6	12	70.1	52.4	61.3	28.2	4.8	17.8	0	4	27
September	2	5	6	3	3	3	0	1	7	23	0	0	3.6	9.8	80.6	21	47.2	6	75.1	53.0	64.1	32.4	10.5	22.1	0	4	26
October	0	10	16	4	0	0	0	0	1	29	1	0	6.5	14.3	81.9	23	47.0	6	77.7	54.7	66.2	31.4	10.0	22.9	0	0	31
November	0	9	15	5	1	0	0	0	0	28	2	0	7.8	13.2	76.0	3	49.8	12	72.5	55.9	64.2	25.6	8.0	16.6	0	3	27
December	2	10	9	0	0	3	1	4	2	23	6	0	8.3	8.8	78.0	22	52.2	22	71.9	55.9	63.9	25.8	8.6	16.1	1	7	23
Year	30	108	73	54	26	10	3	11	51	304	11	0	4.7	10.6	84.0	Mar. 25	47.0	Oct. 6	74.4	54.8	64.7	33.0	4.3	19.6	2	27	337

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KAPSABET, 1948.

Lat.: 00°12'N Long.: 35°07'E Alt.: 6556 ft. Standard Time 3h 00m East. Ref. No. 89.35/18.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24h.s ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	59.6	76.2	49.7	49.0	.360	.351	.154	.564	70	38	2.3	4.2	23	0	0	4	4	45.0	1.77	1.15	18	7	0
February	-	-	62.6	80.0	49.1	47.5	.351	.331	.225	.703	61	32	0.9	2.8	26	0	0	2	1	1.3	0.05	0.05	24	1	0
March	-	-	61.5	74.9	52.4	50.4	.399	.369	.153	.505	72	42	1.3	4.2	23	3	2	2	1	70.9	2.79	0.68	30	8	0
April	-	-	61.5	74.4	54.1	53.2	.422	.408	.130	.451	77	48	3.1	5.2	18	3	0	4	5	191.5	7.54	1.31	20	14	0
May	-	-	59.4	76.1	55.2	57.4	.440	.475	.071	.269	86	64	2.7	6.9	18	2	3	2	4	256.3	10.09	1.63	12	19	0
June	-	-	57.0	67.9	54.2	57.1	.425	.473	.045	.218	90	69	5.2	6.9	11	1	4	4	10	266.4	10.49	1.12	26	23	1
July	-	-	56.2	69.5	52.9	56.3	.405	.458	.050	.271	89	63	5.0	5.7	5	8	3	12	3	129.0	5.08	1.12	24	17	0
August	-	-	56.4	67.6	53.1	56.4	.408	.461	.053	.221	89	69	3.5	6.6	18	0	1	8	3	222.5	8.76	1.08	17	20	2
September	-	-	59.6	71.1	53.5	55.7	.413	.449	.104	.322	80	58	1.7	7.3	20	4	2	3	1	204.2	8.04	1.71	7	18	0
October	-	-	62.0	70.2	53.8	57.5	.416	.478	.145	.266	74	65	2.0	6.4	18	5	2	6	0	131.1	5.16	0.83	25	15	0
November	-	-	62.2	72.6	52.9	53.1	.405	.408	.159	.401	72	50	2.2	5.0	11	10	5	3	1	56.9	2.24	0.60	3	12	0
December	-	-	60.5	73.3	50.4	51.0	.369	.378	.163	.452	69	46	3.5	6.3	4	8	15	2	2	4.1	0.16	0.07	23	4	0
Year	-	-	59.9	72.3	52.6	53.7	.401	.420	.121	.387	77	54	2.7	5.6	195	44	37	52	35	1579.2	62.17	17.1	Sept. 7	158	3

@ At station level: corrected for Temperature and to Standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity										Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	3	0	0	0	1	0	27	4	0	0	0.9	2.2	84.5	10	49.0	often	80.0	52.2	66.1	34.0	15.5	27.8	0	2	29
February	0	2	5	1	1	0	0	0	20	5	4	0	4.5	2.9	87.0	15	50.0	8,14	82.9	54.2	68.5	34.0	20.0	28.7	0	2	27
March	0	3	8	0	1	0	0	0	19	11	1	0	3.4	5.6	85.0	24,29	51.0	30	78.5	54.5	66.5	31.2	14.0	24.0	0	3	28
April	0	1	4	1	0	0	0	0	24	4	2	0	2.2	2.0	88.0	1	50.0	6	79.2	54.8	67.0	33.0	13.7	24.3	0	7	23
May	0	0	1	0	0	0	0	0	28	1	0	0	0.0	0.9	80.0	16	51.0	25	75.5	54.5	65.0	27.0	13.2	21.0	0	2	27
June	0	0	0	0	0	0	0	0	30	0	0	0	0.0	1.6	81.0	23	49.0	18,22	74.6	52.5	63.5	31.0	14.0	22.1	0	11	19
July	0	0	0	1	0	0	0	0	30	1	0	0	0.2	3.4	80.0	often	47.0	26	74.2	52.2	63.2	31.0	11.0	22.0	0	5	26
August	0	0	0	0	0	0	0	0	30	0	0	0	0.0	2.0	82.0	29	46.0	12	72.5	51.1	61.8	32.0	10.0	21.4	0	3	27
September	0	0	0	0	0	0	0	0	30	0	0	0	0.0	0.4	80.0	1	46.0	16	75.5	50.5	63.0	33.0	19.0	25.0	0	0	30
October	0	0	0	0	0	0	0	0	31	0	0	0	0.0	1.1	85.0	1,26	46.5	11	78.3	52.5	65.4	36.0	14.5	25.8	0	0	31
November	0	0	0	0	0	0	0	0	30	0	0	0	0.0	0.0	84.0	3,30	50.0	often	78.4	53.5	65.9	32.0	20.0	24.9	0	0	30
December	0	0	0	0	0	0	0	0	31	0	0	0	0.0	0.2	83.5	18	48.0	28	79.5	53.3	66.4	30.0	20.0	26.9	0	1	30
Year	0	6	21	3	2	0	1	0	330	26	7	0	0.9	1.9	88.0	Apr. 1	46.0	Aug12 Sep16	77.4	53.0	65.2	36.0	10.0	24.5	0	36	327

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KISUMU METEOROLOGICAL STATION, 1948.

Lat.: 0°06'S Long.: 34°45'E Alt.: 3760 ft. Standard Time 3h 00m East. Ref. No. 90.34/25.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb h 8.30	Dry Bulb h 14.30	Dew Point h 8.30	Dew Point h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24 hrs ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	26.181	26.088	71.3	83.9	57.5	57.6	.478	.481	.296	.691	62	41	5.0	5.6	0	10	9	10	2	191.0	5.55	3.05	28	9	7
February	26.184	26.078	72.4	85.3	59.0	57.5	.505	.478	.298	.748	63	39	4.1	5.2	0	13	11	4	1	30.2	1.19	0.5	27	6	5
March	26.186	26.090	71.7	82.8	60.8	58.6	.537	.499	.249	.632	68	44	5.9	6.6	0	5	10	16	0	142.0	5.59	1.31	2	12	8
April	26.166	26.081	71.8	82.7	61.5	60.1	.552	.526	.236	.602	70	47	7.4	6.9	0	5	3	15	7	92.7	3.65	0.83	21	15	9
May	26.211	26.140	70.7	81.9	62.2	60.9	.564	.540	.195	.559	74	49	6.1	6.5	0	8	9	10	4	134.9	5.31	1.97	29	18	17
June	26.258	26.199	67.8	78.6	61.1	62.4	.543	.570	.145	.416	79	57	7.5	6.4	0	5	4	11	10	62.2	2.45	0.67	19	11	18
July	26.245	26.181	67.0	78.9	59.6	59.8	.517	.520	.153	.478	77	52	7.5	7.6	2	3	2	13	11	61.2	2.41	0.86	14	12	17
August	26.234	26.172	68.1	80.0	58.1	58.4	.490	.493	.204	.541	71	48	6.5	7.7	2	4	7	11	7	37.3	1.47	0.35	6	11	20
September	26.217	26.134	69.4	80.7	58.5	60.1	.496	.526	.230	.531	69	50	5.8	7.2	0	9	5	15	3	126.5	4.98	2.16	24	14	28
October	26.217	26.113	70.9	83.5	58.2	57.6	.490	.481	.275	.677	64	41	7.4	7.7	0	4	4	16	7	122.2	4.81	1.58	8	12	25
November	26.205	26.104	71.9	85.8	58.8	58.6	.502	.499	.286	.670	64	45	6.1	7.2	0	4	12	13	1	29.5	1.16	0.42	23	6	21
December	26.196	26.102	71.2	83.6	59.1	59.0	.508	.505	.266	.656	66	48	8.2	8.3	0	1	4	21	5	42.2	1.66	0.70	14	5	8
Year	26.208	26.123	70.3	82.0	59.5	59.2	.515	.510	.236	.600	69	46	6.3	6.9	4	71	80	153	58	1021.9	40.23	3.05	Jan. 28	131	183

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.						Range			Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Max.	Min.	Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	3	13	3	0	0	0	1	11	20	0	0	2.7	12.8	90.2	4.31	58.6	9	86.0	62.7	74.3	29.9	17.0	23.3	0	0	31
February	1	3	12	1	4	2	2	0	4	25	0	0	3.8	14.1	94.8	19	60.2	8	88.3	64.1	76.2	31.0	12.2	24.2	0	0	29
March	0	3	11	4	3	4	1	1	4	27	0	0	3.1	11.6	93.6	26	60.4	14	85.4	63.7	74.5	28.0	14.5	21.7	0	0	31
April	0	3	14	5	0	1	3	0	4	26	0	0	2.9	10.3	95.9	2	61.2	24	85.7	64.5	75.1	28.4	13.0	21.2	0	0	30
May	1	6	18	2	0	0	0	0	4	27	0	0	2.5	8.5	87.3	1	61.1	28	83.6	64.2	73.9	23.2	12.4	19.4	0	0	31
June	3	8	13	1	0	1	0	1	3	27	0	0	2.0	7.2	84.0	16	55.8	21	80.3	62.0	71.1	26.5	9.5	18.3	0	0	30
July	2	5	16	2	0	0	2	1	3	28	0	0	2.9	6.9	84.2	26	55.6	26	81.1	62.0	71.5	28.6	11.7	19.2	0	0	31
August	1	6	21	2	0	0	0	0	1	30	0	0	2.9	7.4	86.7	12	55.7	12	82.4	60.3	71.3	31.0	14.4	22.1	0	0	31
September	0	3	23	3	1	0	0	0	0	30	0	0	4.0	7.8	87.7	30	58.3	3	83.4	61.6	72.5	27.7	16.1	21.8	0	0	30
October	0	3	23	2	2	0	1	0	0	31	0	0	3.1	7.8	89.8	4	56.0	2	85.9	62.3	74.1	31.2	16.3	23.6	0	0	31
November	1	9	15	2	1	0	0	0	2	28	0	0	2.7	8.3	90.4	13	56.0	12	86.5	61.5	74.0	32.5	18.5	24.9	0	0	30
December	2	7	9	2	3	0	1	0	7	24	0	0	2.2	10.7	92.0	4	57.0	3,20	86.0	61.4	73.7	33.5	16.0	24.7	0	9	22
Year	11	59	188	29	14	8	10	4	43	323	0	0	2.9	8.6	95.9	Apr. 2	55.6	July 26	84.5	62.5	73.5	33.5	9.5	22.0	0	9	357

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KITALE AIRFIELD, 1948

Lat.: 0°58'N Long.: 34°57'E Alt.: 6300 ft. Standard Time 3h 00m East. Ref. No. 89.34/76

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amount 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	..	..	60.9	80.1	50.5	45.2	.369	.304	.171	.733	68	29	5.6	7.6	0	9	9	8	5	2.8	0.11	0.06	5	2	4
February	–	–	60.9	81.8	51.0	44.8	.378	.298	.162	.798	78	27	5.6	7.2	0	13	5	6	5	8.9	0.35	0.13	27	4	5
March	–	–	61.2	77.7	53.1	47.4	.408	.331	.138	.629	75	35	7.0	8.3	0	7	5	10	9	80.8	3.18	2.12	9	8	8
April	–	–	63.3	76.3	56.3	52.6	.458	.402	.130	.513	78	44	8.0	8.6	0	2	5	12	11	164.3	6.47	0.94	20	16	14
May	–	–	63.0	72.9	58.4	58.5	.493	.496	.089	.322	85	61	7.0	8.9	0	5	7	11	8	120.1	4.73	0.80	10	16	26
June	–	–	60.9	70.1	57.6	57.1	.478	.473	.062	.271	89	64	7.0	8.9	0	2	11	11	6	158.7	6.25	1.05	11	19	26
July	..	..	59.3	69.6	56.1	56.3	.455	.461	.056	.271	89	63	7.5	8.8	0	4	5	13	9	175.8	6.92	1.44	27	24	29
August	..	..	60.2	68.4	56.3	55.7	.458	.492	.068	.251	87	65	5.9	9.1	1	10	6	8	6	169.4	6.67	1.49	4	22	28
September	–	–	61.4	71.8	55.5	55.5	.446	.446	.103	.342	81	57	5.0	8.6	0	16	3	7	4	74.9	2.95	0.57	5	16	26
October	–	–	63.8	71.8	56.7	55.4	.467	.446	.132	.342	78	57	7.0	8.1	0	3	11	9	8	136.9	5.39	0.71	26	20	21
November	–	–	65.1	73.8	55.0	54.1	.437	.425	.148	.420	75	51	5.4	7.9	0	9	8	13	0	10.7	0.42	0.16	17	9	16
December			60.7	75.5	53.0	49.7	.408	.360	.129	.532	76	40	7.3	8.8	0	2	9	11	9	1.3	0.05	0.03	7	3	2
	–	.	61.5	74.1	54.9	52.7	.438	.408	.116	.452	79	49	6.5	8.4	1	82	84	119	80	1104.6	43.49	2.12	Mar. 9	159	205

@ At station level: corrected for Temperature and to standard gravity

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	≥	Mean Wind Velocity h 8.30 m.p.h.	Mean Wind Velocity h 14.30 m.p.h.	Extremes of Temperature of the Air. Max. F.	Date	Min. F.	Date	Mean Max. F.	Mean Min. F.	½ Max & Min F.	Range Max. F.	Range Min. F.	Range Mean F.	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
January	6	8	8	1	0	1	0	7	0	30	1	0	6.0	10.6	86.1	14	40.0	2	83.2	47.3	65.3	43.0	26.1	35.9	0	9	22
February	8	2	4	1	1	1	1	11	0	29	0	0	6.0	10.3	88.6	18	44.5	14	85.1	49.3	67.2	43.0	21.9	35.7	2	4	23
March	6	7	4	3	0	0	1	10	0	31	0	0	5.8	11.4	87.6	26	45.0	24	81.7	51.0	66.3	39.9	19.0	30.7	1	0	30
April	6	6	2	7	1	1	1	6	0	30	0	0	6.0	14.3	87.4	17	49.0	17	80.9	53.1	67.0	38.4	15.8	27.7	0	0	30
May	4	5	0	7	4	2	5	4	0	31	0	0	5.4	10..	79.9	9	49.5	8	77.6	53.7	65.7	29.3	15.6	23.9	0	0	31
June	9	14	2	2	0	1	0	2	0	30	0	0	5.1	7.4	77.5	7	48.2	20	74.8	52.3	63.5	27.6	15.2	22.4	1	0	29
July	5	17	2	1	0	0	0	6	0	31	0	0	4.9	8	[illegible]	27	47.0	7	74.0	52.0	63.0	29.5	14.4	22.0	1	0	30
August	8	13	1	0	1	0	0	8	0	31	0	0	5.1	9.2	[illegible]	27	46.0	19	74.5	50.1	62.3	29.0	16.6	24.4	0	0	31
September	7	17	0	2	0	1	1	2	0	30	0	0	5.1	9.6	80.3	17	42.7	30	77.2	48.6	62.9	36.0	19.4	28.6	0	0	30
October	7	12	1	4	1	1	1	4	0	31	0	0	5.6	9.4	81.6	4	45.2	1	77.9	50.8	64.3	35.6	19.1	27.1	0	0	31
November	4	10	4	7	1	1	2	1	0	28	2	0	6.0	10.1	80.7	26	43.2	13	77.9	48.2	63.1	36.1	21.6	29.6	0	0	30
December	9	7	4	6	1	0	0	4	0	28	3	0	5.6	8.1	85.7	18	43.6	27	79.2	47.9	63.5	37.5	24.0	31.2	1	10	20
Year	79	118	32	41	10	9	12	65	0	360	6	0	5.5	10.0	88.6	Mar. 26	40.0	Jan. 2	78.7	50.3	64.5	43.0	14.4	28.3	6	23	337

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KITUI, 1948.

Lat.: 1°22'S Long.: 38°01'E Alt.: 3860 ft. Standard Time 3h 00m East. Ref. No. 91.38/00

Month	Atmospheric Pressure		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall			Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.			
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	Ins.		Date	Rain	Thunder
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	65.5	78.8	62.4	61.8	.570	.558	.065	.437	90	56	8.0	5.8	0	0	5	22	4	9.1	0.36	0.27	4	3	0
February	-	-	66.9	82.4	62.0	59.2	.561	.508	.106	.611	84	45	7.2	6.3	3	1	3	18	4	40.6	1.60	1.53	26	3	0
March	-	-	67.8	82.7	63.3	59.5	.588	.514	.100	.614	85	45	7.6	6.3	0	3	6	13	9	83.3	3.28	1.37	31	10	1
April	-	-	67.1	79.6	63.9	62.1	.599	.564	.071	.458	90	55	8.1	6.5	0	2	3	17	8	366.0	14.41	6.87	20	18	0
May	-	-	66.8	78.9	62.4	61.1	.570	.543	.094	.455	86	55	5.3	6.8	0	12	6	8	5	1.8	0.07	0.05	28	2	0
June	-	-	63.6	75.8	58.6	57.9	.499	.484	.095	.417	84	54	5.3	7.1	0	11	8	5	6	7.9	0.31	0.14	22	5	0
July	-	-	61.3	73.8	56.5	54.4	.461	.428	.088	.414	84	51	6.1	7.8	0	8	7	7	9	1.8	0.07	0.07	25	1	0
August	-	-	61.2	75.6	56.0	53.5	.455	.413	.091	.482	84	46	7.0	7.2	0	6	6	9	10	0.3	0.01	0.01	24	1	0
September	-	-	62.9	78.6	56.5	53.6	.461	.416	.118	.570	80	42	5.7	4.9	0	12	3	6	9	1.0	0.04	0.03	17	2	0
October	-	-	65.3	80.7	59.6	55.3	.517	.443	.112	.614	82	42	7.6	5.2	0	4	2	16	9	92.7	3.65	2.00	29	8	0
November	-	-	65.4	76.2	63.0	62.4	.582	.570	.050	.343	92	62	8.4	6.4	0	1	3	13	13	414.5	16.32	2.80	24	20	0
December	-	-	66.9	78.3	63.3	65.2	.588	.629	.079	.286	88	69	6.7	5.7	2	8	0	8	13	311.4	12.26	1.95	11	19	0
Year	-	-	65.1	78.3	60.6	58.8	.537	.506	.089	.475	86	52	6.9	6.3	5	68	52	142	99	1330.4	52.38	6.87	Apr. 20	92	1

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. / Mean Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	1	1	9	10	4	1	4	1	0	31	0	0	3.6	8.7	85.1	29	57.2	9	80.3	61.3	70.8	23.1	13.5	18.9	1	10	20
February	2	1	9	13	2	1	0	1	0	28	1	0	3.8	9.2	87.2	11,15	58.2	14	84.8	62.3	73.5	28.7	15.3	22.5	1	5	23
March	4	5	4	5	0	0	1	2	12	19	0	0	1.3	4.9	90.4	29	59.0	24	84.8	65.2	74.0	29.7	14.3	21.6	5	5	21
April	0	1	3	12	1	0	0	2	11	19	0	0	1.8	3.6	86.1	1	60.9	12	82.2	63.4	72.8	23.1	14.5	18.8	3	8	19
May	1	7	0	16	1	2	1	1	2	29	0	0	2.7	4.9	83.9	10,13	58.9	24	81.1	62.1	71.6	24.2	9.2	19.0	3	2	26
June	0	0	0	28	1	1	0	0	0	30	0	0	3.6	5.6	81.8	25	55.2	14	78.1	58.4	68.3	24.0	12.3	19.7	1	4	25
July	0	0	0	31	0	0	0	0	0	31	0	0	4.3	6.3	80.8	11	54.5	8	76.6	57.1	66.9	28.7	11.6	19.5	0	2	29
August	0	0	0	30	0	0	0	0	1	30	0	0	4.5	5.8	82.8	3	54.8	28	78.1	57.4	67.7	26.9	12.3	20.7	1	3	27
September	0	0	0	30	0	0	0	0	0	30	0	0	4.9	6.5	85.7	29	53.8	4,5	81.5	57.7	69.6	29.3	15.9	23.8	1	3	26
October	0	0	0	31	0	0	0	0	0	31	0	0	4.3	6.7	88.9	28	54.8	2,6	83.9	60.9	72.4	29.6	10.7	23.0	1	3	27
November	2	2	0	26	0	0	0	0	0	30	0	0	3.6	5.1	83.1	2	59.0	12	78.5	62.4	70.5	22.5	10.7	16.1	2	5	23
December	5	0	0	22	0	0	0	3	1	30	0	0	3.6	5.1	82.8	27	60.8	21	78.5	63.0	70.7	20.9	10.9	15.5	2	9	20
Year	15	15	25	254	9	5	6	10	27	338	1	0	3.5	6.0	90.4	Mar. 29	53.8	Sept. 4,5	80.7	60.8	70.7	29.7	9.2	19.9	21	59	286

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LAMU, 1948.

Lat.: 2°16'S Long.: 40°54'E Alt.: 30ft. Standard Time 3h 00m East. Ref. No. 92.40/01.

Month	Atmospheric pressure @ h 8.30	Atmospheric pressure @ h 14.30	Temperature Dry Bulb 8.30	Temperature Dry Bulb 14.30	Temperature Dew Point 8.30	Temperature Dew Point 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24 hrs. ins.	Rainfall Date	Number of Days of Rain	Number of Days of sun
	ins.	ins.	°F.	°F.	°F.	°F.	ins.	ins.	ins.	ins.	%	%														
January	..	..	80..	82.8	73.9	74.2	.845	.856	.192	.281	82	76	5.9	3.2	0	2	17	9	3	2.3	0.09	0.09	1	1	0
February	..	..	80.8	83.3	73.2	73.4	.824	.830	.236	.322	78	72	6.0	3.0	0	3	13	11	1	0.0	0.00	0.00		0	0
March	..	..	83.5	85.7	75.3	76.8	.886	.930	.272	.313	76	75	3.8	3.0	0	17	11	3	0	0.0	0.00	0.00		0	0
April	..	..	84.3	86.8	78.4	79.1	.983	1.004	.222	.284	82	78	4.6	3.5	0	11	15	2	2	89.9	3.54	2.45	26	8	0
May	..	..	82.4	83.8	75.7	76.5	.898	.921	.221	.248	80	79	5.6	5.0	0	2	19	6	4	307.8	12.12	3.15	28	19	0
June	..	..	80.2	82.4	71.5	73.8	.780	.786	.262	.330	75	70	5.3	3.8	0	0	22	4	3	116.3	4.58	1.23	7	18	0
July	..	..	78.8	80.6	70.6	70.7	.756	.759	.239	.295	76	72	5.1	4.6	0	0	24	7	0	62.5	2.46	1.15	1	13	0
August	..	..	78.7	80.8	69.5	69.1	.729	.721	.263	.339	74	68	4.9	3.0	0	0	25	5	0	20.3	0.80	0.15	7	11	0
September	..	..	79.1	81.6	70.9	71.2	.765	.771	.239	.319	76	71	4.1	3.3	0	1	28	1	0	14.0	0.55	0.25	30	6	0
October	..	..	80.8	82.7	74.3	74.8	.856	.868	.207	.260	81	77	4.7	3.4	0	1	26	4	0	70.6	2.78	1.22	2	8	0
November	..	..	82.7	84.2	73.9	73.5	.845	.833	.280	.351	74	70	4.8	3.2	0	0	25	5	0	0.0	0.00	0.00		0	0
December	..	..	82.1	84.9	75.0	75.1	.877	.880	.230	.331	79	72	5.2	4.3	0	0	24	4	3	26.2	1.03	0.58	15	4	0
	..	..	81.1	83.3	73.5	73.8	.837	.846	.239	.306	78	73	5.0	3.6	0	37	249	61	18	709.9	27.95	2.15	May 28	88	0

@ At station levels corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max & Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	°F.		°F.		°F.	°F.	°F.	°F.	°F.	°F.			
January	8	10	0	9	0	0	0	0	4	16	11	0	10.1	23.0	86.0	5	73.0	16	84.5	77.0	80.7	10.0	5.0	7.4	0	2	29
February	0	7	0	15	0	0	0	0	6	18	4	0	5.1	18.1	87.7	24	74.0	1	84.8	77.1	80.9	10.5	6.0	7.6	0	0	28
March	0	2	0	20	0	0	0	0	9	22	0	0	3.1	20.6	90.0	15	76.0	11	87.2	78.9	83.1	13.5	6.1	8.3	0	0	31
April	0	0	0	12	15	0	0	0	3	26	1	0	4.9	15.9	89.7	16	73.5	9,27	88.0	80.1	84.1	12.8	4.2	7.9	0	2	28
May	0	0	1	1	25	0	0	0	4	25	1	0	4.7	9.8	88.5	8,10	70.0	29	85.8	76.8	81.3	14.5	5.5	8.9	1	3	27
June	0	0	0	0	27	0	0	0	2	25	2	0	6.3	10.7	84.9	16	69.8	24	83.4	74.4	78.9	12.5	5.5	9.0	1	2	26
July	0	0	0	7	24	0	0	0	0	27	4	0	8.5	14.3	83.5	8	70.5	26	82.0	74.4	78.2	11.4	4.2	7.6	0	0	31
August	0	0	0	20	10	0	0	0	0	22	8	0	10.3	15.0	83.0	24	70.2	3	81.8	73.9	77.9	10.8	6.0	8.0	0	0	30
September	0	0	0	4	26	0	0	0	0	30	0	0	2.9	2.5	83.4	22	70.2	10	82.4	74.5	78.5	12.5	5.6	7.9	0	0	30
October	0	0	0	23	7	0	0	0	1	30	0	0	3.8	7.4	85.1	31	70.8	5	83.7	76.4	80.1	12.1	4.8	7.4	0	0	31
November	0	0	0	25	0	0	0	0	5	25	0	0	3.4	11.6	88.1	25	74.3	28	85.5	78.0	81.7	13.6	4.0	7.5	0	0	30
December	0	0	2	27	0	0	0	0	2	28	1	0	2.9	10.3	92.0	22	73.5	often	86.8	77.2	82.0	16.3	5.3	9.7	0	3	28
Year	8	19	3	163	134	0	0	0	36	295	32	0	5.5	13.3	92.0	Dec. 22	69.8	June 24	84.7	76.5	80.6	16.3	4.0	8.6	2	12	349

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LODWAR METEOROLOGICAL STATION, 194[illegible]

Lat.: 3°07'N Long.: 35°37'E Alt.: 1660 ft. Standard Time 3h 00m East. Ref. No. 86.35/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.		Thun-	
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins	ins	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins	ins.	%	%													
January			78.6	90.8	58.[illegible]	57.4	.505	.475	.481	1.126	52	30	3.1	3.2	1	19	8	3	0	0.0	0.00	0.00		0	0
February	--	-	79.5	94.4	63.0	56.9	.582	.470	.437	1.164	57	29	3.1	3.0	0	21	5	3	0	0.0	0.00	0.00	--	0	0
March	-	--	79.5	92.6	61.6	59.5	.555	.514	.464	1.031	55	33	4.3	4.7	0	15	10	6	0	23.1	0.91	0.82	6	4	0
April	-	-	81.9	93.0	66.3	64.0	.653	.602	.446	.960	60	39	5.4	5.8	0	7	11	12	0	17.8	0.70	0.37	19	5	2
May	--	-	82.4	92.1	67.1	64.8	.670	.620	.446	.901	60	41	4.5	5.7	0	11	16	4	0	94.7	3.73	2.03	30	3	0
June	-	--	79.5	91.3	67.3	64.6	.676	.614	.343	.871	67	41	4.8	5.3	0	9	16	5	0	0.0	0.00	0.00	--	0	0
July	-	--	78.6	89.8	62.5	61.2	.573	.546	.416	.869	58	39	5.6	5.4	0	5	14	12	0	6.9	0.27	0.27	10	1	0
August	--	-	79.2	90.8	61.8	60.3	.558	.529	.449	.930	56	36	5.7	5.2	0	5	17	9	0	8.6	0.34	0.34	4	1	0
September	--	-	80.7	93.4	63.7	59.0	.597	.505	.460	1.078	56	32	5.0	5.2	0	7	16	[illegible]	0	0.0	0.00	0.00	-	0	0
October	--	-	81.4	93.4	65.4	61.5	.635	.552	.449	1.031	59	35	6.3	6.3	0	1	16	14	0	13.7	0.54	0.17	20	6	0
November			9[illegible]	92.9	64.3	61.6	.608	.555	.396	1.005	60	36	5.5	6.0	0	2	13	10	0	[illegible]6	0.30	0.15	22	5	0
December	--	-	78.4	92.8	59.9	58.0	.523	.487	.457	1.070	53	31	5.2	5.9	0	5	22	4	0	0.0	0.00	0.00	-	0	0
Year	-	-	79.9	92.5	63.5	60.[illegible]	.595	.539	.437	1.003	58	35	4.9	5.1	1	112	164	89	0	172.4	6.79	2.03	May 30	23	2

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air								Frequency of Visibility at 8.30h		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-6	7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	1	11	1	0	0	0	6	0	29	2	0	8.5	22.6	99.1	28	67.8	13	97.5	72.8	85.1	30.6	17.0	24.8	0	0	31
February	1	8	15	1	0	0	0	4	0	23	6	0	11.2	22.6	100.6	16	69.2	10	98.6	74.2	86.4	29.5	17.9	24.4	0	0	29
March	0	8	11	4	0	2	2	1	3	22	6	0	9.8	18.3	101.9	25	69.8	11	96.8	73.9	85.3	31.6	14.9	22.9	0	0	31
April	2	14	1	2	0	0	1	2	2	20	8	0	11.0	18.6	101.3	3	70.5	24	96.6	76.3	86.5	26.4	9.1	20.2	0	0	30
May	5	1	9	2	0	2	4	8	0	21	10	0	13.2	21.3	99.5	8	69.5	31	96.3	77.0	86.7	24.9	13.0	19.3	0	0	31
June	4	3	1	13	0	1	1	7	0	22	8	0	12.3	17.9	97.2	14	72.5	16	94.4	75.5	84.9	23.0	14.7	18.9	0	0	30
July	2	0	2	20	0	3	1	3	0	15	16	0	15.0	17.2	95.0	often	69.1	12	92.8	74.1	83.5	22.5	9.6	18.7	0	0	31
August	2	1	1	12	0	1	1	3	0	12	19	0	16.6	19.5	99.8	11	68.5	8	93.9	71.3	82.6	30.3	12.6	22.7	0	0	31
September	4	8	1	8	0	5	0	4	0	14	16	0	15.4	17.9	98.1	30	68.0	5	95.8	71.9	83.9	27.0	21.6	23.9	0	0	30
October	1	8	4	12	1	2	0	2	1	13	17	0	15.2	19.0	98.8	25	66.7	27	96.1	72.3	84.2	29.8	16.5	23.9	0	0	31
November	0	4	7	14	0	1	0	1	3	21	6	0	7.6	21.7	98.7	17	60.5	26	95.5	69.9	82.7	35.3	21.2	25.6	0	0	30
December	1	1	7	11	1	0	0	0	0	26	5	0	7.2	22.6	99.2	24	61.5	21	95.0	69.1	82.1	34.3	19.3	26.0	0	0	31
Year	22	73	76	106	2	25	10	45	9	238	119	0	11.9	19.9	101.9	Mar. 25	60.5	Nov. 26	95.8	73.2	84.5	35.3	9.1	22.6	0	0	366

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LOKITAUNG, 1948.

Lat.: 4°15'N Long.: 35°45'E Alt.: 2500 ft. Standard Time 3h 00m East. Ref. No. 85.35/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24 hrs		Rain	Hun-der.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January			79.7	90.3	67.7	66.6	.685	.927	.340	.511	67	65	3.6	3.0	0	13	18	0	0	0.0	0.00	0.00	-	0	0
February			8.9	89.5	68.0	65.5	.691	.886	.30-	.517	70	63	3.8	3.0	0	9	20	0	0	0.0	0.00	0.00	-	0	0
March			77.0	85.5	69.2	72.5	.721	.806	.242	.428	75	65	4.2	3.2	0	2	28	0	0	99.8	3.93	2.18	5	4	0
April			77.0	85.2	70.1	70.7	.744	.759	.192	.464	79	62	4.7	3.5	0	3	24	3	0	65.5	2.58	0.87	18	7	1
May			77.4	87.4	66.8	65.4	.664	.632	.284	.679	70	48	3.9	4.2	0	17	12	1	1	15.2	0.60	0.60	4	1	0
June			75.5	84.4	63.6	63.1	.594	.585	.298	.608	67	49	5.3	5.1	1	8	14	7	0	8.6	0.34	0.23	15	3	0
July			74.4	82.6	61.7	60.6	.558	.535	.301	.590	65	47	5.2	4.8	0	6	19	6	0	26.4	1.04	1.00	10	2	0
August			75.3	83.9	59.5	57.7	.514	.481	.372	.691	58	41	5.2	4.2	0	9	16	6	0	0.0	0.00	0.00	-	0	0
September			77.5	86.2	60.2	57.3	.526	.475	.428	.789	55	38	5.5	4.5	0	6	17	7	0	4.1	0.16	0.16	13	1	0
October			77.7	85.3	63.0	61.6	.582	.552	.378	.676	61	45	6.0	5.8	0	3	14	14	0	9.4	0.37	0.13	27	4	0
November			76.3	85.5	63.6	62.0	.597	.561	.318	.673	65	45	5.8	5.0	0	0	30	0	0	9.1	0.36	0.25	28	2	0
December			77.1	86.4	62.8	62.4	.579	.570	.360	.703	62	45	5.5	5.5	0	2	22	7	0	0.0	0.00	0.00	-	0	0
Year			77.0	86.0	64.7	65.4	.721	.647	.318	.611	66	51	4.7	4.3	1	78	234	51	1	238.1	9.38	2.18	Mar. 5	24	1

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind range at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.				Mean Max.	Mean Min.	½ Max + Min	Range			Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date				Max.	Min.	Mean	Fog	Mist	Good Vis
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	30	0	1	0	0	0	19	12	0	11.9	10.1	98.0	30	65.0	often	92.1	70.4	81.3	28.5	14.1	21.7	0	0	31
February	0	0	0	29	0	0	0	0	0	13	16	0	15.4	22.1	96.0	11	64.0	28	90.8	70.3	80.5	25.5	11.9	20.5	0	0	29
March	0	0	0	30	0	0	0	0	0	19	11	0	10.5	17.2	94.1	13	62.3	12	89.7	69.7	79.7	27.9	10.5	19.9	0	0	30
April	1	2	1	22	1	1	0	0	2	13	15	0	13.0	12.3	96.0	13	60.0	-	89.0	69.4	79.2	28.0	10.0	19.6	0	9	21
May	2	0	14	11	2	2	0	0	0	3	28	0	20.6	15.7	93.0	9	68.0	19,24	89.2	71.5	80.3	21.5	10.0	17.4	0	5	26
June	0	0	6	22	1	0	0	0	1	1	28	0	21.0	21.3	90.0	7,15	65.0	16	87.4	71.5	79.5	22.0	11.0	15.9	0	0	30
July	0	0	3	28	0	0	0	0	0	0	31	0	21.5	21.3	89.3	30	68.0	often	86.5	70.6	78.5	20.2	13.0	16.0	0	0	31
August	0	0	11	18	1	1	0	0	0	0	31	0	20.1	20.8	90.0	11	68.0	20	87.5	71.2	79.3	20.2	12.0	16.2	0	1	30
September	0	0	21	9	0	0	0	0	0	4	26	0	19.5	18.8	92.2	22	71.0	9	90.3	73.4	81.9	20.0	14.0	16.9	0	0	30
October	0	0	19	11	1	0	0	0	0	2	29	0	19.7	20.4	96.5	1	70.3	4	89.4	73.3	81.3	23.2	6.1	16.1	0	0	31
November	0	0	28	2	0	0	0	0	0	0	30	0	20.8	20.8	91.6	14	67.3	22	88.8	72.5	80.7	21.9	10.5	16.3	0	0	30
December	0	2	12	17	0	0	0	0	0	0	31	0	20.1	20.8	93.8	22,23	67.8	25	89.8	73.2	81.5	24.5	12.9	16.6	0	0	31
Year	3	4	115	229	6	54	0	0	3	74	288	0	17.8	18.5	98.0	Jan. 30	60.0	1	89.2	71.4	80.3	28.5	6.1	17.8	0	15	350

* April 28th, 29th and 30th.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MACHAKOS, 1948.

Lat.: 1°31'S Long.: 37°17'E Alt.: 5500 ft. Standard Time 3h 00m East. Ref. No. 91.37/41.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max Fall			
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date	Rain	Thunder.
	ins.	ins.	F	F	F	F	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	64.0	71.4	58.8	58.3	.502	.495	.100	.284	84	64	8.5	3.6	8	9	8	5	1	2.5	0.10	0.05	3,4	2	0
February	-	-	63.5	73.2	59.2	58.5	.508	.496	.083	.331	86	60	3.6	3.2	6	9	7	7	0	8.1	0.32	0.25	27	2	0
March	-	-	63.9	76.6	60.9	58.5	.540	.496	.059	.428	90	54	4.9	4.8	3	9	6	12	1	163.1	6.42	1.92	5	10	0
April	-	-	64.5	74.6	61.4	61.2	.549	.546	.065	.319	90	63	5.6	4.8	0	9	7	14	0	171.2	6.74	1.40	19	13	0
May	-	-	63.5	73.8	60.5	59.0	.532	.505	.059	.337	90	60	5.0	5.8	3	10	4	11	3	43.4	1.71	0.77	28	5	0
June	-	-	61.0	71.1	57.0	57.6	.470	.481	.073	.290	87	63	4.7	5.8	0	11	10	7	2	14.5	0.57	0.17	22	6	0
July	-	-	59.6	68.9	54.4	55.8	.428	.449	.089	.266	83	63	4.7	5.3	0	11	10	10	0	4.6	0.18	0.18	11	1	0
August	-	-	59.5	71.5	55.2	56.9	.440	.473	.074	.307	86	61	4.7	5.3	0	14	8	11	1	0.8	0.03	0.02	26	2	0
September	-	-	61.6	74.8	56.2	55.9	.458	.452	.094	.419	83	52	4.1	4.7	4	11	5	10	0	0.0	0.00	0.00	-	0	0
October	-	-	64.1	76.6	58.9	56.6	.505	.464	.100	.460	84	51	5.3	4.0	1	10	7	13	0	45.5	1.79	0.62	29	7	0
November		-	62.4	71.4	59.6	60.1	.517	.526	.053	.254	91	68	7.5	5.9	0	2	9	8	11	195.8	7.71	1.38	3	18	0
December			[illegible]	[illegible]	60	61	526	549	.023	.130	95	81	6.5	5.4	0	1	[illegible]	9	[illegible]						
Year	-	-	62.9	73.6	58.6	58.[illegible]	498	.[illegible]59	0.[illegible]	[illegible].9	87	62	5.3	[illegible].9	25	105	82	[illegible]	49						

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature				Mean Max.	Mean Min.	Mean Max. Min.			Frequency of		
	N	NE	E	SE	S	SW	W	NW		0	4	7	8.30h	14.30h	Max.	Date	Min.	Date				Max.	Min.	Mean	Fog	Mist	Vis.
													m.p.h.	m.p.h.													
January	0	1	8	17	0	0	3	2	0	28	3	0	6.9	8.1	82.0	17	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
February	1	2	4	16	1	0	0	4	1	27	1	0	3.8	8.5	84.0	25	52.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	8	[illegible]
March	1	1	0	11	3	0	12	3	0	31	0	0	3.6	10.5	85.0	27	54.2	31	59	58	[illegible]	[illegible]	[illegible]	[illegible]	2	2	27
April	1	0	1	4	2	3	6	1	12	17	1	0	4.5	9.2	81.5	16	45.0	7	76.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	12	16
May	0	0	0	2	13	1	4	6	5	24	2	0	4.3	10.3	78.5	10	-	-	75.9						0	[illegible]	[illegible]
June	0	0	1	6	0	3	17	3	0	30	0	0	2.9	8.5	80.9	30	48.8	20	73.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
July	0	0	2	5	3	1	12	8	0	27	4	0	5.6	7.2	81.3	21	47.8	6	72.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	4	2
August	0	8	0	8	2	1	0	0	10	16	3	0	6.3	12.1	79.0	3	47.5	13	73.6	54.5	64.1	29.5	6.0	19.1	0	7	22
September	2	3	1	5	3	0	0	0	16	12	2	0	4.7	11.6	82.5	19	49.0	6	77.8	54.9	66.3	31.5	11.0	22.9	1	3	26
October	1	4	9	9	4	1	0	1	2	25	4	0	7.8	11.2	83.5	9	52.0	10	79.9	57.5	68.7	31.0	10.5	22.3	1	3	27
November	0	1	10	16	2	0	0	0	1	23	6	0	8.5	9.8	83.0	8	55.0	23	76.0	58.8	67.4	24.5	11.0	17.3	1	9	20
December	7	0	0	3	0	5	1	0	0	10	6	0	12.3	14.8	75.2	3	58.0	often	71.6	59.7	65.7	16.2	9.8	11.8	0	8	8
Year	13	20	36	102	33	15	55	28	47	270	32	0	5.9	10.1	85.0	Mar. 27	-	-	76.3	-	-	-	-	-	7	77	265

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MAGADI, 1948.

Lat. 1°53'S   Long. 36°[illegible]E   Alt. 2010 ft.   Standard Time 3h 0 m East.   Ref. No. 91.36.56.

Month	Atmospheric Pressure @ 8.30 h	Atmospheric Pressure @ 14.30 h	Temperature Dry Bulb 8.30	Temperature Dry Bulb 14.30	Temperature Dew Point 8.30	Temperature Dew Point 14.30	Vapour Pressure 8.30 h	Vapour Pressure 14.30 h	Saturation Deficit 8.30 h	Saturation Deficit 14.30 h	Relative Humidity 8.30 h	Relative Humidity 14.30 h	Total Cloud Amt. 8.30 h	Total Cloud Amt. 14.30 h	Occasions at 8.30 h of Cloud Amount 0	1-3	4-6	7-9	10	Rainfall Total mm	Rainfall Total ins.	Max. Fall in 24hrs	Date	Number of Days of Rain	Number of Days of [illegible]
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	2[illegible].856	2[illegible]	80.2	9[illegible].5	60.[illegible]	55.9	.5[illegible]	.452	.502	1.011	52	25	3.5	4.3	[illegible]	13	5	8	6	[illegible] 0	0.00	0.[illegible]		0	[illegible]
February	[illegible]	2[illegible]	81.6	98.2	60.[illegible]	54.4	.526	.[illegible]28	.564	1.406	48	2[illegible]	3.2	4.5	5	15	5	6	0	[illegible]	0.30	0.30	6	1	[illegible]
March	2[illegible].888	2[illegible].[illegible]4	8[illegible].2	96.[illegible]	6[illegible].1	60.9	.605	.540	[illegible]	1.[illegible]9	5[illegible]	31	5.2	6.0	2	8	8	1[illegible]	0	2[illegible]	[illegible]5	0.36	9	5	2
April	2[illegible].891	2[illegible]	80.5	94.[illegible]	66.2	61.8	.650	.556	.4[illegible]	1.0[illegible]	62	34	6.1	6.7	8	6	8	16	0	3[illegible]	[illegible].51	0.28	20	6	0
May	2[illegible].9[illegible]	27.8[illegible]	79.6	90.9	65.5	64.4	.635	.0[illegible]	.[illegible]8	854	62	42	6.1	5.9	0	2	1[illegible]	[illegible]	0	0.5	.20	0.50	[illegible]	7	[illegible]
June	28.0[illegible]	27.8[illegible]0	75.9	88.5	59.6	59.5	.51[illegible]	.514	.416	.844	55	38	5.8	5.0	0	4	15	10	1	0.0	0.00	0.00		0	0
July	2[illegible].991	2[illegible].858	[illegible]5.9	87.[illegible]	56.8	56.5	.46	.461	.4[illegible]	.84[illegible]	52	3[illegible]	5.8	4.6	0	2	20	9	0	0.0	0.00	0.00		0	0
August	28.000	27.85[illegible]	[illegible]6.1	88.5	58.3	5[illegible].8	.49[illegible]	.184	[illegible]	.8[illegible]	54	36	6.5	4.4	0	5	10	11	5	0.0	0.00	0.00		0	0
September	2[illegible].96[illegible]	27.[illegible]88	78.5	91.9	58.8	[illegible]	.502	.475	.481	1.034	51	31	4.9	4.1	0	10	11	9	0	2.0	0.08	0.08	28	1	0
October	27.94[illegible]	27.[illegible]67	81.4	95.0	60.3	55.8	.529	.46	.552	1.[illegible]96	49	28	5.0	5.1	0	9	10	12	0	9.4	0.[illegible]	0.2[illegible]	3	5	0
November	28.083	27.918	80.2	93.5	61.8	57.9	.558	.48	.481	1.102	54	3[illegible]	5.3	6.1	0	7	1[illegible]	5	[illegible]	8.4	0.33	0.98	24,30	[illegible]	0
December	28.059	27.909	77.5	89.8	6[illegible].3	61.9	.608	.561	.346	.856	64	40	6.7	[illegible]	0	[illegible]	[illegible]	14	5	55.0	2.19	0.70	9	1[illegible]	[illegible]
Year	27.96[illegible]	27.810	79.[illegible]	92.6	61.4	58.[illegible]	.552	.503	.455	1.049	55	33	5.5	5.3	[illegible]	84	120	[illegible]	12	15[illegible].2	5.[illegible]	[illegible]	Nov. 9	42	5

@ At station level; corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30 h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30 h 1-3	4-7	>7	Mean Wind Velocity 8.30 h	Mean Wind Velocity 14.30 h	Extremes of Temperature of the Air Max.	Date	Min.	Date	Mean Max.	Mean Min.	[illegible]	[illegible]	[illegible]	[illegible]	Frequency of Visibility [illegible] Fog	Mist	[illegible]
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	[illegible]	[illegible]	[illegible]	0	[illegible]		0	13	0	31	0	0	5.8	5.6	102.8		[illegible]0	[illegible]	6[illegible]	66.0	85	[illegible]	8.0	[illegible]	0	0	[illegible]
February	[illegible]	6	15	0	0	[illegible]	[illegible]	11	0	28	[illegible]	0	7.2	6.[illegible]	10[illegible].0	12	[illegible]	[illegible]	6[illegible]	76.9	8[illegible]	[illegible]	5.9	[illegible]	[illegible]	0	29
March	[illegible]	6	8	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	29	[illegible]	0	6.0	6.5	106.0	2[illegible]	6[illegible]	[illegible]	[illegible]	76.[illegible]	8[illegible]	[illegible]	5.4	[illegible]	0	0	[illegible]
April	0	4	13	[illegible]	[illegible]	0	[illegible]	[illegible]	[illegible]	29	0	0	6.[illegible]	8.[illegible]	103.2	16	[illegible]	[illegible]	[illegible]	76.2	85	[illegible]	1[illegible].8	20.[illegible]	0	0	[illegible]
May	0	1	22	0	[illegible]	[illegible]	6	[illegible]	0	31	0	0	7.[illegible]	6.7	9[illegible]	25	69.[illegible]	29	[illegible]	75.3	84.4	[illegible]	[illegible].5	[illegible]	0	0	[illegible]
June	8	3	12	2	[illegible]	11	2	0	0	30	0	0	5.[illegible]	6.0	9[illegible].6	2	69.[illegible]	22,2[illegible]	[illegible]	73.3	82	[illegible]	1[illegible].6	18.4	0	0	[illegible]
July	0	0	15	[illegible]	0	12	0	0	0	[illegible]	0	0	3.8	5.[illegible]	9[illegible]	[illegible]	69.7	6	90.[illegible]	72.3	81	[illegible]	1[illegible].6	[illegible]	0	0	[illegible]
August	0	1	18	[illegible]	2	2	0	[illegible]	0	28	3	0	7.8	6.9	96.[illegible]	3	68.6	25	92.[illegible]	72.4	82	[illegible]	10.1	[illegible]	0	0	31
September	0	0	26	0	0	3	0	1	0	26	4	0	8.9	6.5	99.8	[illegible]	69.0	29	94.7	[illegible]	84	[illegible]	1[illegible].1	22.[illegible]	0	0	30
October	[illegible]	1	20	2	0	5	[illegible]	1	0	[illegible]	[illegible]	0	7.4	6.[illegible]	101.0	24	[illegible]	4	98.[illegible]	[illegible]	86.[illegible]	[illegible]	1[illegible].1	22.[illegible]	0	0	[illegible]
November	2	5	9	2	0	1	[illegible]	10	0	29	[illegible]	0	7.6	8.[illegible]	10[illegible].2	2[illegible]	67.6	8	96	[illegible]	85.[illegible]	2[illegible]	12.4	[illegible]	0	0	30
December	[illegible]	1	9	0	9	[illegible]	[illegible]	4	0	3[illegible]	0	0	[illegible]	6.5	99.4	19	[illegible]7.2	10	92.8	[illegible]	82.[illegible]	[illegible]	12.1	20.[illegible]	0	0	[illegible]
Year	19	29	164	23	12	58	9	55	2	35[illegible]	11	0	6.5	6.7	106.0	Mar. 26	67.2	Dec 10	95.8	74.5	85.2	30.0	5.4	2[illegible].3	0	0	[illegible]

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MAKINDU METEOROLOGICAL STATION, 1948.

Lat.: 2°17'S Long.: 37°50'E Alt.: 3280 ft. Standard Time 3h 00m East. Ref. No. 92.37/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs. ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	68.3	83.1	63.6	60.6	.594	.535	.106	.608	85	47	8.3	5.8	0	1	5	18	7	1.5	0.06	0.02	4,12	4	0
February	-	-	70.0	87.3	63.6	58.8	.594	.502	.147	.806	80	39	7.4	5.3	1	2	4	19	3	20.6	0.81	0.68	26	2	1
March	-	-	71.5	85.7	64.0	59.0	.602	.505	.178	.780	77	39	7.6	7.4	0	2	6	19	4	75.9	2.99	2.41	10	10	5
April	-	-	70.6	85.4	64.8	61.4	.620	.549	.136	.682	82	45	8.2	8.0	0	0	4	23	3	77.5	3.05	1.43	18	7	3
May	-	-	70.8	83.2	63.0	60.9	.582	.540	.180	.609	77	47	6.3	8.2	0	5	8	17	1	2.8	0.11	0.07	28	2	0
June	-	-	66.8	80.8	59.4	57.0	.511	.470	.153	.593	77	44	7.3	8.5	0	1	8	19	2	3.0	0.12	0.06	22	3	0
July	-	-	63.7	78.1	58.1	55.8	.490	.449	.107	.526	82	46	7.3	8.6	0	2	8	17	4	0.0	0.00	0.00	-	0	0
August	-	-	63.8	79.5	58.0	55.4	.487	.443	.110	.573	82	43	8.3	8.5	0	0	1	25	5	0.0	0.00	0.00	-	0	0
September	-	-	66.6	83.1	58.9	58.5	.502	.496	.157	.647	76	43	7.3	7.3	1	2	3	20	4	0.0	0.00	0.00	-	0	0
October	-	-	70.3	85.9	62.2	58.2	.564	.493	.186	.759	76	39	7.8	7.6	0	2	2	26	1	28.7	1.13	0.95	30	6	0
November	-	-	69.0	80.0	64.2	62.4	.605	.570	.110	.464	85	55	8.9	7.9	0	0	0	23	7	214.6	8.45	2.33	5	15	0
December	-	-	69.1	78.6	65.6	65.8	.638	.641	.080	.348	89	65	9.6	9.0	0	0	0	11	20	323.8	12.75	3.14	11	23	5
Year	-	-	68.4	80.5	62.1	59.5	.566	.516	.137	.616	81	46	7.9	7.7	2	17	49	237	61	748.4	29.47	8.14	Dec. 11	72	14

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	29	0	0	0	0	1	0	1	30	0	0	3.1	10.7	91.7	29	56.0	9	85.0	62.3	73.7	30.0	14.6	22.7	0	0	31
February	0	24	1	2	0	0	1	0	1	28	0	0	4.5	13.9	93.3	14	59.0	4	90.1	64.2	77.1	33.3	18.5	25.9	0	1	28
March	2	13	1	10	1	2	1	1	0	31	0	0	3.1	9.4	94.0	25,31	57.5	24	89.2	64.5	76.9	34.5	17.5	24.7	0	0	31
April	2	2	0	22	0	3	1	0	0	30	0	0	2.7	8.3	92.7	15	61.5	13	87.1	64.9	76.0	29.3	15.0	22.3	0	0	30
May	3	2	2	13	2	5	4	0	0	31	0	0	3.6	9.4	89.0	12, 13	55.5	24	85.5	61.8	73.7	32.5	10.5	23.7	0	0	31
June	2	4	3	12	3	3	3	0	0	30	0	0	2.5	8.7	86.3	15	54.2	25	83.3	58.1	70.7	30.9	17.6	25.2	0	0	30
July	9	5	1	6	0	5	3	2	0	31	0	0	4.0	8.9	84.9	8,11	53.5	9	80.5	56.9	68.7	31.0	13.0	23.6	0	0	31
August	5	6	3	5	2	8	2	0	0	31	0	0	3.6	10.5	86.0	9	52.0	18,26	81.9	57.1	69.5	32.0	11.6	24.9	0	1	30
September	7	6	2	4	5	5	0	1	0	30	0	0	4.5	10.7	89.0	24	53.0	1	85.0	58.7	71.9	32.5	17.0	26.2	0	0	30
October	5	6	4	3	5	1	2	1	4	25	2	0	4.7	12.8	92.0	25	55.2	2	87.9	62.2	75.	33.2	19.7	25.6	0	0	31
November	9	7	3	1	1	0	0	7	2	27	1	0	5.1	8.1	87.6	28	49.5	21	82.5	60.4	71.5	34.7	10.0	22.1	0	1	29
December	0	16	1	0	0	1	0	4	0	30	1	0	4.9	6.5	80.0	22	60.9	22	81.0	64.2	72.6	28.1	10.3	6.	0	1	30
Year	50	120	21	79	19	34	19	16	8	354	4	0	3.9	9.8	94.0	Mar. 25,31	49.5	Nov. 21	84.9	61.3	73.1	34	10.0	23.7	0	4	362

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MALINDI, 1948.

Lat.: 3°13'S Long.: 40°07½'E Alt.: 33 ft. Standard Time 3h 00m East. Ref. No. 93.40/04.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb 8.30	Temperature Dry Bulb 14.30	Temperature Dew Point 8.30	Temperature Dew Point 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Max. Fall in 24hrs.	Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	81.7	85.2	73.2	75.4	.824	.889	.269	.334	75	73	6.3	4.7	0	2	17	12	0	0.0	0.00	0.00		0	0
February	-	-	82.7	86.2	73.6	75.9	.839	.904	.289	.360	74	71	5.1	4.3	0	3	19	6	1	0.0	0.00	0.00	-	0	0
March	-	-	82.3	87.8	74.8	75.2	.871	.886	.242	.443	78	67	4.7	4.2	0	10	13	8	0	39.1	1.54	1.21	10	4	1
April	-	-	80.9	87.5	75.8	76.0	.901	.907	.165	.410	85	69	5.7	4.7	0	0	20	8	2	126.0	4.96	2.56	25	10	8
May	-	-	78.8	83.3	74.4	75.4	.859	.889	.136	.253	86	77	6.5	6.2	0	1	12	16	2	475.2	18.71	4.60	2	24	1
June	-	-	78.3	81.0	71.9	72.4	.788	.803	.189	.256	81	75	5.0	5.8	0	8	14	7	1	235.7	9.28	1.90	30	19	0
July	-	-	76.7	80.6	71.5	73.1	.780	.824	.147	.230	84	78	6.0	6.2	0	3	14	12	[illegible]	113.8	4.48	1.32	1	15	0
August	-	-	77.6	80.5	71.2	72.6	.774	.809	.183	.242	81	77	5.3	5.9	0	3	17	11	0	84.8	3.34	0.81	20	12	0
September	-	-	77.7	82.6	71.4	73.0	.777	.821	.183	.304	81	73	5.1	5.1	0	5	18	7	0	14.0	0.55	0.20	30	5	0
October	-	-	80.5	84.2	73.9	73.6	.848	.836	.203	.348	81	70	5.7	4.5	0	3	16	12	0	71.1	2.80	0.85	3	9	0
November	-	-	81.6	86.8	74.3	74.0	.856	.848	.234	.440	79	66	5.2	4.3	0	4	20	6	0	11.7	0.46	0.12	9	6	0
December	-	-	80.7	85.8	74.2	74.8	.853	.871	.207	.375	80	70	6.5	5.6	0	0	17	8	6	76.5	3.01	1.45	9	8	1
Year	-	-	79.9	84.3	73.3	74.3	.831	.857	.204	.335	80	72	5.6	5.1	0	42	197	113	14	1247.9	49.13	4.60	May 2	112	11

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	Mean Wind Velocity h 14.30
													m.p.h.	m.p.h.
January	28	0	1	0	0	0	1	1	0	31	0	0	5.8	11.2
February	15	2	5	0	0	0	7	0	0	29	0	0	5.6	11.2
March	3	3	0	5	2	0	16	2	0	31	0	0	5.8	11.9
April	0	1	0	2	23	3	1	0	0	30	0	0	5.6	13.6
May	0	0	0	1	30	0	0	0	0	29	2	0	6.5	11.9
June	0	0	0	1	29	0	0	0	0	29	1	0	7.2	12.8
July	0	0	[illegible]	0	28	0	0	0	0	30	1	0	6.0	12.3
August	0	0	0	[illegible]	28	0	0	0	0	30	1	0	6.7	11.9
September	0	0	0	[illegible]	27	0	0	0	0	28	2	0	6.5	13.6
October	0	0	0	[illegible]	[illegible]	0	0	0	0	30	1	0	5.6	[illegible]
November	0	[illegible]	5	[illegible]	[illegible]	0	[illegible]	0	0	30	0	0	5.5	10.7
December	5	[illegible]	2	[illegible]	[illegible]	[illegible]	9	[illegible]	0	[illegible]	0	0	[illegible]	8.9
Year	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	356	[illegible]	[illegible]	6.0	11.8

Month	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
	F.		F.		F.	F.	F.	F.	F.	F.			
January	88.2	5	70.9	29	87.1	73.1	80.1	16.5	10.0	14.1	0	31	0
February	90.8	29	69.0	4,6	87.9	73.3	80.6	17.2	9.5	14.7	0	29	0
March	92.5	31	71.1	11	90.0	74.6	82.3	18.9	9.4	15.5	0	[illegible]	[illegible]
April	92.7	23	72.0	12,27	90.0	75.5	82.7	[illegible]	8.0	14.5	0	[illegible]	[illegible]
May	90.[illegible]	[illegible]	70.2	27	85.4	74.[illegible]	79.7	[illegible]	6.5	11.[illegible]	[illegible]	[illegible]	[illegible]
June	86.2	2,3	70.0	often	83.9	72.9	78.[illegible]	[illegible]	[illegible]	11.0	[illegible]	[illegible]	30
July	84.5	25	68.0	14	82.6	71.1	[illegible]	[illegible]	[illegible]	11.4	[illegible]	[illegible]	31
August	85.5	12	67.0	13	83.3	[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
September	87.0	24	[illegible]	[illegible]	84.3	70.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	90.0	[illegible]	69.0	often	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	70.0	often	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
December	92.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Year	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MANDERA, D.C., 1948.

Lat.: 3°57'N Long.: 41°52'E Alt.: 1085 ft. Standard Time 3h 00m East. Ref. No. 86.41/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall			
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mms.	ins.	in 24 hrs	Date	Rain	Thunder.
	ins.	ins.	F.	D.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	--	--	79.5	92.0	63.1	65.0	.585	.623	.431	.892	58	41	1.1	2.5	25	1	2	3	0	0.0	0.00	0.00	-	0	0
February	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
March	--	--	83.3	95.5	68.9	65.4	.715	.632	.437	1.061	62	37	5.3	5.5	10	0	3	18	0	16.8	0.66	0.66	10	1	0
April	--	--	82.6	92.8	71.5	68.9	.780	.715	.345	.838	69	46	7.7	7.7	1	0	4	22	3	50.5	1.99	0.90	21	4	0
May	--	--	83.2	91.8	69.8	70.0	.735	.741	.414	.766	64	49	6.9	8.1	2	3	3	22	1	0.0	0.00	0.00	-	0	0
June	--	--	81.1	89.6	69.2	65.7	.721	.641	.351	.765	67	46	6.0	8.0	4	2	5	17	2	0.0	0.00	0.00	-	0	0
July	--	--	78.7	87.9	63.5	60.6	.591	.535	.401	.797	60	40	7.2	8.4	3	0	3	22	3	0.0	0.00	0.00	-	0	0
August	--	--	79.4	88.0	64.1	64.0	.602	.602	.411	.736	59	45	6.6	7.5	2	1	6	21	1	0.0	0.00	0.00	-	0	0
September	--	--	80.3	90.9	66.9	68.4	.667	.703	.378	.762	64	48	4.8	5.8	8	3	4	14	1	0.0	0.00	0.00	-	0	0
October	--	--	81.0	89.8	69.5	70.5	.729	.753	.310	.662	68	53	8.6	8.1	0	0	1	19	11	56.6	2.23	2.08	16	2	0
November	--	--	80.1	88.9	70.8	70.1	.762	.744	.275	.632	73	54	7.7	7.8	0	0	7	20	3	37.1	1.46	0.35	2	8	0
December	--	--	81.3	90.1	66.4	63.7	.653	.597	.425	.832	61	42	6.3	6.7	3	0	8	19	1	8.9	0.35	0.28	16	2	0
Year	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + ½ Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	31	0	0	0	0	0	0	31	0	0	3.8	4.7	99.0	27	62.4	24	94.9	69.1	82.0	33.6	17.8	25.8	0	0	31
February	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
March	0	1	29	0	0	1	0	0	0	31	0	0	5.1	3.8	102.6	23	68.0	11	98.5	75.9	87.2	26.4	14.0	22.5	0	0	31
April	0	8	19	0	0	3	0	0	0	30	0	0	3.8	2.7	101.0	2,14	68.6	22	96.6	75.9	86.3	25.8	6.4	20.8	0	0	30
May	0	0	0	0	0	31	0	0	0	31	0	0	7.4	5.4	98.0	often	75.2	11	96.1	76.9	86.5	22.0	15.6	19.1	0	0	31
June	0	0	0	0	0	30	0	0	0	28	2	0	9.6	7.8	96.0	often	71.0	26	93.4	73.8	83.6	23.6	16.8	19.7	0	0	30
July	0	0	0	0	0	31	0	0	0	25	6	0	10.5	10.3	94.0	26	68.0	3	90.6	72.3	81.5	23.6	12.2	18.3	0	0	31
August	0	0	0	0	0	31	0	0	0	26	5	0	10.1	8.9	95.0	2,11	69.2	24	91.7	72.4	82.1	24.6	13.4	19.3	0	0	31
September	0	0	0	0	0	30	0	0	0	29	1	0	7.6	6.7	98.0	17,21	71.0	often	94.8	72.8	83.8	27.0	15.0	22.1	0	0	30
October	0	0	0	11	0	20	0	0	0	30	1	0	5.4	3.8	97.0	8	70.0	17	92.8	73.7	83.3	22.2	16.0	19.2	0	0	31
November	0	0	0	30	0	0	0	0	0	30	0	0	3.8	3.4	95.0	13	65.0	11	91.7	71.6	81.7	29.0	13.4	20.1	0	0	30
December	0	3	1	27	0	0	0	0	0	31	0	0	4.3	4.3	98.2	28	64.0	22	93.2	69.8	81.5	32.2	13.2	23.3	0	0	31
Year	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MARALAL, 1948.

Lat.: 1°05'N Long.: 36°42'E Alt.: 6400 ft. Standard Time 3h 00m East. Ref. No. 88.36/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs			Thunder
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date	Rain	
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	--	--	65.2	75.8	51.7	51.5	.387	.384	.239	.517	62	43	3.0	4.0	0	17	6	4	0	0.0	0.00	0.00		0	0
February	--	--	66.5	77.5	54.6	57.6	.431	.481	.225	.464	66	51	2.4	3.5	3	21	2	3	0	4.8	0.19	0.19	27	1	2
March	--	--	64.6	74.4	55.9	58.8	.452	.487	.165	.372	74	57	3.6	5.3	3	16	1	10	1	45.5	1.79	0.89	14	10	4
April	--	--	64.3	74.0	57.2	59.5	.473	.511	.135	.337	78	60	4.7	5.4	0	15	0	10	5	86.1	3.39	1.12	20	9	6
May	--	--	62.0	73.8	51.4	59.1	.375	.505	.086	.337	85	60	3.3	3.7	0	19	3	9	0	32.0	1.26	0.53	4	4	0
June	--	--	61.0	71.2	54.2	58.9	.425	.419	.118	.355	79	54	3.9	5.4	0	16	3	10	1	59.9	2.36	0.96	19	6	0
July	--	--	59.2	66.9	52.9	54.4	.405	.428	.103	.239	80	65	5.2	7.1	1	11	2	17	0	94.2	3.71	0.64	12	10	9
August	--	--	57.2	67.4	51.5	55.1	.384	.440	.089	.239	81	65	6.0	7.7	0	7	9	15	0	75.4	2.97	1.11	5	7	1
September	--	--	57.2	70.9	51.9	54.8	.390	.434	.083	.331	82	57	5.4	6.4	0	8	9	13	0	55.4	2.18	0.66	2	3	1
October	--	--	59.6	71.6	55.4	59.1	.443	.508	.074	.275	86	65	6.7	7.5	0	3	12	11	5	86.1	3.39	1.17	15	8	0
November	--	--	60.4	68.1	56.5	59.3	.458	.511	.074	.186	87	74	6.3	7.9	0	7	8	14	1	30.7	1.21	0.62	30	5	0
December	--	--	62.7	70.0	56.0	60.3	.455	.529	.121	.212	79	72	3.7	4.3	6	20	0	9	2	15.7	0.62	0.23	2	5	0
Year	--	--	61.7	71.8	54.6	56.9	.431	.470	.126	.322	78	60	4.5	5.7	7	160	55	125	15	585.8	23.07	.66	Sept 2	68	23

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max. - Min	Ranges Max.	Ranges Min	Ranges Mean	Fog	Mist	Good
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			%
January	0	1	12	0	0	0	0	0	14	12	1	0	5.4	6.7	80.0	26,29	40.0	30	78.1	43.3	60.7	38.0	26.8	34.7	0	0	27
February	0	3	15	0	0	0	0	0	11	18	0	0	4.0	10.1	84.0	22	38.0	14	79.8	44.6	62.2	48.0	20.1	35.2	0	0	29
March	0	3	1	0	0	0	0	0	27	3	1	0	1.3	17.0	83.3	29	41.6	24	77.7	48.0	62.9	41.0	19.5	29.6	0	1	30
April	0	3	3	1	0	0	0	0	23	7	0	0	1.1	8.7	81.5	15	45.0	13	76.5	51.3	63.9	34.5	13.5	25.2	0	1	29
May	0	0	3	0	0	0	0	0	28	3	0	0	0.2	1.8	80.0	26	41.4	28	75.6	49.0	62.3	38.9	20.5	26.6	0	0	31
June	0	1	3	0	0	0	0	0	26	4	0	0	0.2	4.0	81.0	3	43.5	21	73.7	48.2	60.9	33.0	17.5	25.5	0	1	29
July	0	4	0	0	5	0	0	0	22	9	0	0	0.9	5.6	75.0	7	41.0	8,7	70.7	49.4	60.1	34.0	11.5	21.2	0	0	31
August	0	0	0	1	4	2	0	0	24	7	0	0	1.6	5.4	75.0	26,27	42.0	often	70.7	47.5	59.1	33.0	13.0	23.2	0	0	3
September	0	2	1	0	1	0	0	0	26	4	0	0	0.4	8.5	76.0	often	42.0	often	73.5	44.5	59.0	34.0	12.0	25.0	0	0	30
October	0	2	1	2	0	0	0	1	25	5	1	0	1.3	9.8	77.0	4	41.0	7,8	72.3	44.8	59.1	34.0	13.0	28.5	0	2	29
November	0	6	2	0	0	0	0	0	22	6	2	0	2.5	8.3	77.0	18	40.0	often	72.7	42.5	57.6	35.0	17.5	30.1	0	0	30
December	0	9	0	0	0	0	0	0	22	9	0	0	2.2	5.6	77.5	23	38.9	21	72.1	48.0	60.1	37.6	13.5	24.1	0	2	29
Year	0	34	41	4	10	2	0	1	270	87	5	0	1.6	7.3	84.0	Feb. 22	38.0	Feb. 14	74.5	46.7	60.7	48.0	11.5	27.7	0	7	355

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MARSABIT, D.C., 1948.

Lat.: 2°19'N Long.: 37°59'E Alt.: 4413 ft. Standard Time 3h 00m East. Ref. No. 87.37/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb		Dew Point		h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total		Max. Fall in 24hrs.	Date	Rain	Thunder
	ins.	ins.	F. 8.30	F. 14.30	F. 8.30	F. 14.30	ins. 8.30	ins. 14.30	ins. 8.30	ins. 14.30	% 8.30	% 14.30	8.30	14.30						mm.	ins.	ins.			
January	-	-	63.4	76.2	59.6	62.3	.517	.567	.074	.346	88	62	6.0	3.7	7	5	1	6	12	0.3	0.01	0.01	3	1	0
February	-	-	63.1	76.5	60.6	63.6	.535	.591	.047	.327	92	64	8.5	4.9	3	0	1	5	20	0.0	0.00	0.00	-	0	0
March	-	-	64.2	76.7	62.1	66.8	.564	.664	.041	.263	93	72	8.7	6.5	2	1	1	5	22	41.7	1.64	0.95	10	6	0
April	-	-	63.6	73.2	62.8	67.8	.579	.688	.015	.139	97	83	9.9	7.2	0	0	0	3	27	385.8	15.19	4.07	26	18	0
May	-	-	63.5	75.7	62.1	67.5	.564	.682	.030	.216	95	76	8.9	7.5	0	1	2	10	14	0.0	0.00	0.00	-	0	0
June	-	-	60.7	73.4	58.4	62.9	.496	.582	.041	.248	93	70	7.9	5.7	1	2	3	13	10	3.8	0.15	0.10	27	2	0
July	-	-	59.4	72.5	57.4	64.0	.475	.602	.036	.204	93	75	8.9	6.0	0	1	5	4	21	1.5	0.06	0.03	1,2	2	0
August	-	-	58.2	72.1	56.6	63.0	.464	.582	.026	.215	95	73	8.4	5.0	0	4	2	7	18	9.9	0.39	0.17	5	5	0
September	-	-	60.9	73.9	58.3	66.6	.493	.659	.047	.186	91	78	6.6	4.5	3	3	5	8	7	1.5	0.06	0.04	18	2	0
October	-	-	62.5	73.0	61.2	66.0	.546	.647	.027	.174	96	79	8.8	6.6	0	3	3	2	21	127.8	5.03	1.08	15	17	0
November	-	-	62.4	70.1	62.0	66.6	.561	.659	.009	.085	99	89	9.4	7.6	1	0	0	7	21	182.1	7.17	2.03	2	20	0
December	-	-	64.5	70.4	63.0	66.6	.585	.659	.029	.094	95	88	8.1	8.3	2	2	4	0	19	86.4	3.40	1.12	1	13	0
Year	-	-	62.2	73.6	60.3	65.3	.526	.633	.035	.208	94	76	8.3	6.1	19	22	27	70	212	840.8	33.10	4.07	Apr. 26	86	0

@ At station level: corrected for Temperature and to Standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	31	0	0	0	0	0	30	1	0	5.4	4.9	-	-	57.0	often	-	59.7	-	-	-	-	7	1	23
February	0	0	0	29	0	0	0	0	0	22	7	0	9.2	7.4	-	-	59.0	1,2,7	-	60.4	-	-	-	-	6	3	20
March	0	0	0	30	1	0	0	0	0	28	3	0	6.5	6.0	-	-	58.0	6,7,10	-	60.8	-	-	-	-	17	0	14
April	0	0	0	30	0	0	0	0	0	29	1	0	5.8	6.3	81.6	6	57.0	28	75.4	60.4	67.9	20.6	5.2	15.0	23	1	6
May	0	0	0	20	7	0	0	0	0	18	9	0	9.2	5.1	80.0	18	58.0	2	77.5	60.3	68.9	20.0	12.3	17.2	5	3	19
June	0	0	0	26	3	0	0	0	0	26	3	0	6.5	7.4	78.5	1	55.0	14	74.2	58.5	66.3	19.5	10.0	15.7	1	5	23
July	0	0	0	26	5	0	0	0	0	30	1	0	5.4	7.6	80.5	9	54.1	31	74.3	56.6	65.5	25.5	9.2	17.6	10	4	17
August	0	0	0	31	0	0	0	0	0	30	1	0	7.4	9.4	76.5	13,24	54.0	13,17	74.2	56.0	65.1	22.5	9.0	18.2	12	3	16
September	0	0	0	18	7	0	0	0	0	24	2	0	7.6	11.0	79.0	6,7	54.0	5	76.4	57.1	66.7	24.0	10.0	19.3	3	1	22
October	0	0	0	24	5	0	0	0	0	29	0	0	5.6	7.4	80.5	12	57.0	5	74.8	60.2	67.5	21.3	0.7	14.4	18	2	9
November	0	0	0	29	0	0	0	0	0	29	0	0	5.4	5.8	-	-	57.7	4	-	60.3	-	-	-	-	21	2	6
December	0	0	0	27	0	0	0	0	0	27	0	0	5.1	5.1	82.7	23	57.0	17	73.2	59.0	66.1	21.5	11.6	14.5	16	0	11
Year	0	0	0	322	28	0	0	0	0	322	28	0	6.6	6.9	-	-	54.0	/	-	59.1	-	-	-	-	139	25	186

/ August 13th, 17th and September 5th.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT PORT REITZ, MOMBASA, 1948.

Lat.: 4°02'S Long.: 39°37½E. Alt.: 200 ft. Standard Time 3h 00m East. Ref. No. 94.39/21.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.	Date	Rain	Thunder.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.			
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	29.896	29.799	79.3	87.3	73.5	73.4	.833	.833	.177	.475	82	64	6.9	5.2	0	2	10	15	4	15.7	0.62	0.40	4	4	0
February	29.920	29.816	80.8	88.7	73.5	72.7	.833	.812	.227	.555	79	59	5.9	3.4	0	5	10	14	0	6.3	0.25	0.14	19	6	0
March	29.887	29.790	81.6	89.2	75.3	74.4	.886	.859	.204	.529	81	62	5.7	4.7	0	5	11	14	1	34.0	1.34	0.38	3	1	9
April	29.896	29.855	79.3	85.1	75.4	74.8	.889	.868	.121	.352	88	71	6.8	6.8	0	3	12	12	3	162.3	6.39	1.73	25	11	12
May	29.946	29.884	78.4	83.9	74.5	74.1	.862	.850	.118	.322	88	73	6.6	7.0	0	5	11	13	2	117.9	4.64	1.03	22	22	1
June	30.035	29.976	75.2	81.1	71.7	70.7	.786	.759	.097	.313	89	71	7.0	7.0	0	4	6	17	3	111.8	4.40	1.02	30	30	0
July	30.044	29.988	73.2	79.4	70.2	68.8	.747	.712	.077	.304	91	70	7.9	7.4	0	2	5	15	9	108.5	4.27	0.79	25	19	0
August	30.044	29.985	73.7	79.4	70.6	69.6	.756	.732	.083	.284	90	72	6.3	7.5	0	2	17	9	3	38.1	1.50	0.26	26	16	0
September	30.011	29.937	75.3	82.0	70.8	68.3	.762	.694	.124	.410	86	63	6.1	5.0	0	2	15	12	1	56.1	2.21	0.75	25	16	0
October	29.979	29.887	77.7	83.8	73.6	72.3	.836	.800	.124	.369	87	69	7.1	4.5	0	2	7	19	3	151.4	5.96	2.01	29	20	1
November	29.949	29.843	79.9	86.1	74.7	73.5	.868	.838	.163	.425	84	66	5.6	4.7	0	4	16	10	0	53.3	2.10	0.42	26	12	2
December	29.899	29.810	78.7	85.0	74.3	73.1	.856	.842	.136	.375	86	69	7.9	7.3	0	2	3	20	6	172.0	6.77	1.84	13	21	1
Year	29.959	29.881	77.7	84.3	73.2	72.2	.826	.799	.137	.393	86	67	6.7	5.9	0	38	133	170	35	1027.4	40.45	2.01	Dec. 29	18	26

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	12	13	1	0	0	0	1	14	0	31	0	0	6.5	13.6	91.6	19	71.2	14	89.1	73.7	81.4	18.5	9.7	15.8	0	1	30
February	8	2	2	0	0	1	5	11	0	29	0	0	4.5	12.8	92.5	3	71.0	4	90.3	74.6	82.5	20.6	12.2	15.7	0	0	29
March	6	1	0	1	0	3	1	18	1	30	0	0	3.8	11.0	93.9	20	73.2	11	91.3	75.8	83.5	19.7	11.7	15.5	0	1	30
April	2	0	0	0	0	13	7	8	0	29	1	0	3.8	10.1	91.4	1	71.5	8	87.8	74.9	81.3	16.5	3.5	13.0	1	1	28
May	0	0	0	0	2	24	5	0	0	25	6	0	9.2	14.3	88.9	5	70.8	30,31	85.6	73.6	79.6	15.6	5.5	12.0	0	2	29
June	0	0	0	0	1	18	7	1	0	22	8	0	8.9	15.9	80.2	1	66.3	23	83.6	70.5	77.1	16.9	7.6	13.1	0	0	30
July	0	0	0	0	1	19	7	0	0	30	1	0	6.9	11.1	84.3	19	66.5	8	81.4	68.8	75.1	16.6	4.7	12.6	0	1	30
August	0	0	0	0	1	22	1	0	5	28	0	0	4.9	13.9	84.4	10	66.6	15	81.9	69.0	75.5	16.0	7.4	12.9	0	0	31
September	0	0	0	0	6	23	0	0	1	26	3	0	7.4	13.6	86.2	16,17	66.1	1	84.0	69.6	76.8	18.8	9.3	14.4	0	1	29
October	0	0	0	1	7	21	0	0	2	29	0	0	4.7	9.6	88.3	25	69.0	6	85.2	72.4	78.8	17.1	7.8	12.8	0	1	30
November	3	1	0	1	1	10	3	9	2	28	0	0	2.7	8.1	90.1	25	71.0	18	87.2	73.3	80.3	17.2	11.4	13.9	0	0	30
December	3	4	0	0	0	1	4	17	2	29	0	0	3.6	8.1	96.2	22	71.0	30	88.1	74.2	81.1	20.5	2.7	13.9	0	0	31
Year	34	11	3	3	20	155	41	78	11	336	19	0	5.6	11.9	96.2	Dec. 22	66.1	Sept. 1	86.3	72.5	79.4	20.6	2.7	13.8	1	8	357

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT RAS-SERANI, MOMBASA, 1948.

Lat.: 4°05'S Long.: 39°4.1'E Alt.: 30 ft. Standard Time 3h 00m East. Ref. No. 94.39/20.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.		Rain	Thunder.
	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	79.5	83.6	72.7	73.4	.813	.833	.204	.331	80	72	8.7	7.6	0	1	4	6	20	1.5	0.06	0.04	21	2	0
February	-	-	80.4	84.5	73.4	73.7	.830	.839	.218	.357	80	70	7.9	6.5	0	0	4	19	6	31.7	1.25	0.59	19	5	0
March	-	-	82.2	86.7	75.4	75.9	.889	.904	.221	.378	80	70	7.6	7.3	0	0	7	18	6	13.0	0.51	0.22	10	5	1
April	-	-	79.2	83.0	75.7	76.8	.898	.930	.109	.210	89	82	8.9	8.6	0	0	2	11	17	265.9	10.47	4.93	25	14	2
May	-	-	78.2	81.0	74.1	74.8	.850	.871	.125	.198	87	81	8.8	8.6	0	0	4	11	16	169.4	6.67	1.65	22	20	0
June	-	-	75.6	78.8	71.5	71.7	.780	.786	.115	.209	87	79	8.5	8.7	0	0	4	12	14	121.7	4.79	1.20	8	16	0
July	-	-	74.5	77.4	70.4	70.9	.744	.765	.118	.186	86	81	9.3	8.9	0	0	0	12	19	104.1	4.10	1.45	2	17	0
August	-	-	74.5	77.7	70.9	71.8	.765	.786	.097	.174	89	82	9.3	9.2	0	0	0	8	23	84.1	3.31	0.65	14	20	0
September	-	-	75.9	79.4	71.7	72.4	.786	.803	.118	.210	87	79	8.8	7.1	0	0	1	12	17	44.2	1.74	0.72	30	10	0
October	-	-	77.9	81.2	73.8	74.7	.842	.868	.124	.207	87	81	8.7	7.3	0	0	2	14	15	133.6	5.26	0.88	26	18	0
November	-	-	80.2	83.5	75.2	76.1	.883	.910	.156	.248	85	79	8.4	6.4	0	0	2	17	11	69.1	2.72	0.79	1	14	0
December	-	-	79.2	82.9	74.5	75.8	.862	.901	.145	.233	85	79	9.5	9.0	0	0	1	5	25	225.0	8.86	1.99	9	17	2
Year	-	-	78.1	81.6	73.3	74.0	.828	.850	.146	.245	85	78	8.7	7.9	0	1	31	145	189	1263.3	49.74	4.93	Apr. 25	158	5

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30h		
													h	h					Mean	Mean	½ Max	Range			Fog	Mist	Good Vis.
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	8.30	14.30	Max.	Date	Min.	Date	Max.	Min.	+ Min	Max.	Min.	Mean			
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	4	27	0	0	0	0	0	0	0	31	0	0	8.7	17.0	88.5	17,20	73.0	14,22	85.8	76.0	80.9	12.5	5.5	9.8	0	15	16
February	20	9	0	0	0	0	0	0	0	28	1	0	7.6	17.2	90.5	29	72.0	8,11	86.9	76.1	81.5	16.5	7.5	10.8	0	0	29
March	5	16	1	0	2	1	0	6	0	31	0	0	6.0	15.0	91.5	26	74.5	11,12	88.6	77.9	83.3	13.7	6.5	10.7	0	2	29
April	0	0	0	1	26	3	0	0	0	27	3	0	7.4	15.9	90.0	1	72.5	8,9	85.4	76.6	81.0	12.3	4.0	8.8	1	6	23
May	0	0	0	0	19	12	0	0	0	26	5	0	9.6	16.8	86.8	6	72.0	28	83.3	75.3	79.3	12.3	5.0	8.1	0	3	28
June	0	0	0	0	10	20	0	0	0	22	8	0	11.0	18.1	86.0	15	70.0	often	81.5	73.2	77.3	12.0	3.7	8.2	0	2	28
July	0	0	0	0	20	11	0	0	0	20	11	0	11.9	20.4	81.5	23,29	69.0	≠	79.8	71.5	75.7	10.8	5.3	8.3	0	0	31
August	0	0	0	0	30	1	0	0	0	25	6	0	9.4	15.4	82.5	11	69.5	13	80.2	71.5	75.9	11.0	5.0	8.7	0	1	30
September	0	0	0	9	9	12	0	0	0	22	8	0	11.4	16.1	84.5	18	69.0	≠	82.0	72.1	77.1	15.0	3.7	9.9	1	0	29
October	0	2	3	23	3	0	0	0	0	27	4	0	7.4	12.1	86.8	21,25	71.0	3	83.7	73.9	78.8	12.8	5.7	9.8	1	2	28
November	0	23	0	5	1	1	0	0	0	30	0	0	5.6	11.9	88.0	30	73.0	9	86.0	75.2	80.6	14.3	7.8	10.8	0	0	30
December	2	28	0	0	1	0	0	0	0	31	0	0	4.7	9.2	95.8	22	72.0	30	86.3	75.4	80.9	18.8	2.8	11.1	0	1	30
Year	31	105	4	38	121	61	0	6	0	320	46	0	8.4	15.4	95.8	Dec. 22	69.0	≠	84.1	74.5	79.3	18.8	2.8	9.6	3	32	331

≠ July 8th and 27th. September 1st, 6th and 17th.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOYALE, D.C., 1948

Lat.: 3°32'N Long.: 39°03'E Alt.: 3650 ft. Standard Time 3h 00m East. Ref. No. 86.39/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall in 24hrs	Date	Rain	Thunder.
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.				
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	--	--	74.2	85.5	51.9	50.5	.390	.369	.463	.865	46	30	1.4	3.9	20	0	7	0	0	0.0	0.00	0.00	--	0	0
February	--	--	73.4	85.7	58.7	53.9	.499	.419	.331	.824	60	34	2.2	5.4	15	3	11	0	0	39.9	1.57	0.85	20	4	0
March	--	--	71.8	81.4	59.9	56.8	.523	.467	.265	.617	67	44	4.9	6.4	6	7	7	4	6	112.3	4.42	1.60	9	9	0
April	--	--	68.7	80.6	65.1	62.3	.626	.567	.083	.487	88	54	8.0	6.7	1	4	2	2	19	142.2	5.60	1.14	19	9	0
May	--	--	67.5	76.3	64.3	63.1	.608	.585	.071	.330	90	64	6.9	6.3	3	4	0	0	13	64.3	2.53	1.70	5	5	0
June	--	--	65.6	74.3	58.6	57.9	.499	.484	.136	.372	79	56	8.0	7.1	1	5	0	2	20	10.2	0.40	0.30	9	2	0
July	--	--	64.4	74.7	56.6	55.9	.464	.452	.144	.416	76	52	8.8	8.4	0	4	0	0	23	23.1	0.91	0.73	1	2	0
August	.	.	64.3	71.9	55.6	56.6	.446	.464	.162	.324	73	59	6.9	5.8	2	0	4	1	7	5.1	0.20	0.20	2	1	0
September			66.5	77.6	55.9	54.4	.452	.428	.204	.529	69	45	7.6	6.0	0	0	13	2	15	4.8	0.19	0.13	18	2	0
October			66.9	75.0	63.7	60.9	.585	.540	.082	.337	88	62	9.4	6.8	0	0	3	0	22	140.7	5.54	1.35	16	11	0
November	--	--	68.1	76.8	62.0	58.3	.561	.493	.133	.440	81	53	8.0	6.2	0	0	12	0	16	122.7	4.83	1.46	30	12	0
December			69.0	78.6	61.4	58.4	.549	.493	.166	.496	77	50	7.5	6.2	0	1	13	0	15	42.9	1.69	0.90	1	4	0
Year	--	--	68.4	78.2	59.4	57.4	.517	.480	.187	.503	75	50	6.7	6.3	148	28	72	11	156	708.2	27.88	1.70	May 1	61	0

@ at station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	2	8	16	0	0	1	0	0	0	26	1	0	4.7	6.9	92.0	30	59.4	5	88.4	64.0	76.2	29.4	19.2	24.4	0	0	27
February	0	0	19	10	0	0	0	0	0	28	1	0	5.4	5.4	92.4	15	62.0	27, 29	88.1	64.9	76.5	26.2	18.1	23.2	0	0	29
March	0	0	7	22	0	0	0	0	1	29	0	0	5.6	6.5	90.2	26	57.8	10	85.0	63.7	74.3	25.0	14.2	21.3	0	1	29
April	0	0	18	10	0	0	0	0	0	28	0	0	2.9	4.5	87.4	1,2	61.0	10	82.0	63.5	72.7	24.0	11.2	18.4	1	1	26
May	0	0	16	4	0	0	0	0	0	20	0	0	4.3	4.5	83.4	29	60.6	27	79.1	63.1	71.1	21.4	13.2	16.0	8	1	12
June	0	0	20	8	0	0	0	0	0	26	2	0	6.7	9.2	80.6	25	57.2	21	77.3	60.1	68.7	22.2	11.0	17.2	9	0	19
July	0	0	20	7	0	0	0	0	0	27	0	0	8.5	6.7	78.4	8	57.6	27	75.9	59.5	67.7	19.4	13.2	16.4	9	0	18
August	1	0	2	11	0	0	0	0	0	13	1	0	8.5	8.1	79.4	18	57.0	24	74.8	58.9	66.9	21.4	12.8	15.6	1	2	11
September	0	0	25	5	0	0	0	0	0	30	0	0	6.9	5.1	85.2	30	57.2	6	80.6	59.8	70.2	25.4	15.2	20.8	0	0	30
October	0	0	24	1	0	0	0	0	0	25	0	0	2.5	4.3	85.4	20	59.6	6	79.4	61.9	70.7	23.4	12.2	17.5	7	2	16
November	1	0	25	2	0	0	0	0	0	28	0	0	2.2	2.9	84.0	21	57.2	11	79.3	61.1	70.2	25.2	6.6	17.9	10	0	18
December	0	0	26	0	3	0	0	0	0	29	0	0	3.8	5.1	89.4	often	57.0	20	81.8	61.6	71.7	25.4	15.4	20.1	5	0	24
Year	4	8	218	80	3	1	0	0	1	309	5	0	5.2	5.8	92.4	Feb. 15	57.0	Aug24 Dec20	81.0	61.8	71.4	29.4	6.6	19.1	50	6	259

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT EASTLEIGH, NAIROBI, 1945.

Lat.: 1 17'S Long.: 36 50'E Alt.: 5361 ft. Standard Time 3h 00m East. Ref. No. 91.36/87.

Month	Atmospheric Pressure		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions of 8.30h Cloud Amounts					Rainfall				Number of Days of
			Dry Bulb		Dew Point															Total		Max. Fall in 24h s.		Rain	Thunder
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	24.787	24.693	64.4	79.4	56.1	55.2	.455	.381	.106	.032	79	38	4.0	3.5	4	12	6	7	2	2.8	0.11	0.11	21	1	0
February	24.808	24.711	66.1	80.8	56.3	54.9	.458	.337	.144	.026	78	32	4.9	3.1	5	9	1	11	3	29.5	1.16	1.0	25	2	0
March	24.790	24.705	67.6	78	57.3	51.6	.478	.387	.116	.005	81	39	6.2	5.3	3	7	5	14	4	124.5	4.90	1.23	3	8	2
April	24.793	24.708	63.4	76.7	56.0	55.1	.523	.449	.068	.012	89	49	8.4	6.6	0	1	1	21		41.7	1.64	1.68	18	15	3
May	24.832	24.752	62.5	74.5	56.8	56.5	.502	.461	.047	.001	86	54	7.9	7.3	0	1	5	19	6	74.1	2.89	1.18	16	11	4
June	24.861	24.802	59.7	70.9	55.9	54.6	.452	.431	.059	.033	89	56	8.8	8.4	0	1	4	5	16	42.3	1.94	1.22	10	8	0
July	24.849	24.787	58.1	70.6	52.9	52.7	.403	.402	.085	.055	84	53	8.2	8.5	0	1	5	12	13	10.9	0.43	0.30	12	-	0
August	24.852	24.787	58.3	71.5	53.5	51.9	.415	.390	.086	.090	85	50	8.3	8.3	0	0	2	10	19	14.2	0.56	0.52	4	2	2
September	24.852	24.764	60.2	76.6	54.6	50.0	.451	.363	.098	.061	82	39	8.1	6.5	0	1	5	10	8	23.9	0.94	0.33	2	6	2
October	24.826	24.722	63.7	77.8	56.1	49.6	.458	.368	.139	.083	77	35	7.5	6.8	0	2	7	18	4	44.7	1.76	0.66	10	9	1
November	24.820	24.734	62.1	73.1	58.2	55.1	.490	.440	.074	.084	87	54	8.2	6.4	0	1	3	19	7	99.1	3.90	0.66	7	15	6
December	24.787	24.708	62.2	72.8	56.1	51.8	.490	.484	.077	.131	87	66	8.2	7.7	0	1	4	16	10	182.6	7.19	1.11	16	18	3
Year	24.820	24.737	61.9	75.3	56.5	52.9	.463	.407	.098	.483	83	47	6.5	6.6	10	37	48	172	99	796.6	31.36	1.68	Apr 18	99	9

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. & Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	5	14	4	3	0	0	0	4	1	30	0	0	5.4	11.9	84.8	26	49.0	13	80.7	55.8	68.3	33.9	17.3	24.9	0	0	31
February	6	9	11	0	0	0	0	3	0	29	0	0	6.9	15.9	85.2	4	51.0	3,14	82.6	56.6	69.6	33.5	14.0	25.7	0	0	29
March	6	10	5	1	0	3	2	4	0	30	1	0	5.8	13.0	85.9	29	51.2	24	80.8	57.3	69.1	33.3	11.5	23.5	0	1	30
April	1	9	12	2	4	0	1	1	0	29	1	0	6.5	11.0	83.8	often	55.6	28	79.3	60.1	69.7	23.8	13.5	19.2	0	0	30
May	2	3	5	4	9	6	1	1	0	30	1	0	5.8	9.4	80.6	13	53.6	25	77.1	58.7	67.9	26.1	5.5	18.5	0	0	31
June	2	4	6	4	7	4	1	2	0	30	0	0	5.8	9.4	77.5	9	49.1	21	73.4	55.9	64.7	23.2	7.9	17.5	0	0	30
July	0	3	1	4	11	10	0	2	0	31	0	0	6.5	9.8	78.5	28	49.0	8	73.4	54.6	64.0	28.2	12.3	18.7	0	0	31
August	3	6	4	2	6	8	1	1	0	31	0	0	5.1	9.4	82.0	3	49.0	12	74.6	54.8	64.7	28.9	6.1	19.8	0	1	30
September	0	6	7	6	2	5	1	3	0	30	0	0	5.6	9.4	84.3	13	48.2	25	79.5	55.4	67.5	34.8	12.9	24.0	0	3	27
October	2	11	10	4	2	2	0	0	0	31	0	0	6.9	11.6	85.8	24	51.5	7	81.3	57.2	69.3	31.0	10.3	24.1	0	0	31
November	1	14	12	1	1	0	1	0	0	27	3	0	6.5	12.3	80.2	3	54.9	8	75.7	58.2	66.9	22.3	9.6	17.5	0	3	27
December	0	8	11	0	1	3	1	7	0	29	2	0	7.4	10.3	81.3	24	52.6	22	75.6	57.9	66.7	28.6	11.4	17.7	0	6	25
Year	28	97	88	31	43	41	9	28	1	357	8	0	6.2	11.1	85.9	Mar. 29	48.2	Sept. 25	77.8	56.9	67.4	33.9	5.5	20.9	0	14	352

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAIROBI RAILWAY STATION, 1948.

Lat. 1°16'S Long. 36°49'E Alt. 5495 ft. Standard Time 3h 00m East. Ref. No. 91 36/10.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	8.30	14.30	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-5	6	7-9	10	Mean	Max. Fall in 24hrs.	Date	Rain	Snow
	d.ft.	ins.	8.30	14.30	8.30	14.30	ins.	ins.	ins.	ins.	%	%								mm.	ins.			
January	..	..	65.4	81.2	55.1	49.9	.400	.360	.092	.070	70	34	5.8	3.1	3	16	2	9	1	0.8	0.03	0.03	5	0
February	..	..	64.4	80.6	55.2	52.2	.446	.528	.088	.088	72	29	4.2	2.4	4	13	3	7	1	19.3	0.76	0.34	2	0
March	..	..	64.4	79.9	56.9	52.0	.440	.390	.141	.641	77	38	5.5	3.2	1	11	4	10	5	112.8	4.44	..	5	..
April	..	..	63.9	77.7	59.5	55.9	.514	.452	.085	.508	86	47	8.4	4.0	0	2	1	17	10	138.7	5.46	..	20	0
May	..	..	63.2	75.4	58.8	57.7	.502	.481	.083	.408	86	54	7.5	4.8	0	4	4	12	11	50.3	1.98	0.89	9	0
June	..	..	59.5	71.1	55.4	55.0	.445	.437	.011	.334	86	57	8.8	5.8	0	4	0	4	22	62.5	2.46	1.25	10	0
July	..	..	58.2	70.4	53.1	53.5	.408	.413	.082	.340	83	55	8.0	5.0	0	3	2	9	16	9.1	0.36	..	2	0
August	..	..	58.8	71.8	52.9	51.9	.405	.390	.09	.398	81	50	8.6	6.1	0	3	0	12	16	17.0	0.67	..	3	0
September	..	..	60.6	77.8	54.3	51.0	.425	.378	.110	.585	80	39	7.2	4.3	0	6	3	7	14	35.3	1.39	..	4	0
October.	..	..	63.7	80.6	56.6	50.4	.458	.369	.139	.665	77	36	5.9	3.8	0	10	3	13	5	35.6	..	..	6	0
November	..	..	62.4	75.0	57.9	54.8	.484	.457	.086	.340	85	50	7.5	5.8	0	4	3	16	7	104.4	4.11	..	12	0
December	..	..	62.6	78.8	57.4	56.4	.478	.461	.095	.581	84	55	6.9	4.9	0	7	5	10	9	79.8	3.14	..	11	0
[illegible]																								

Month	Frequency of Wind Direction at 8.30h								Calm	Mean Force of Wind at 8.30h			Mean Velocity		Extremes of Temperature of the Air										
	N	NE	E	SE	S	SW	W	NW																	
																				F					
[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]	0	31	0	0	2.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	1	8	3	0	0	0	0	0	4	29	0	0	2.0	12.	86.	1	[illegible]	[illegible]	[illegible]	93.	58.	70	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	1	0	[illegible]	0	[illegible]	0	0	[illegible]	0	[illegible]	0	0	2.4	11.9	88.	9	[illegible]	[illegible]	[illegible]	91.	58.	69.	[illegible]	[illegible]	[illegible]	[illegible]	3	[illegible]
[illegible]	0	[illegible]	27	[illegible]	[illegible]	0	[illegible]	[illegible]	0	[illegible]	0	0	2.9	[illegible]	8.	[illegible]	[illegible]	[illegible]	28	[illegible]	60.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	0	5	9	[illegible]	[illegible]	0	0	0	0	31	0	0	2.5	7.6	80.	6	[illegible]	[illegible]	22	[illegible]	56.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June	1	1	20	0	0	0	0	0	0	30	0	0	2.0	6.7	78.	[illegible]	[illegible]	[illegible]	21	[illegible]	56.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	0	0	9	[illegible]	0	0	[illegible]	[illegible]	1	30	0	0	2.5	7.8	8.	28	[illegible]	[illegible]	[illegible]	[illegible]	54.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August	0	0	30	1	0	0	0	0	0	31	0	0	2.0	7.8	83.0	5	[illegible]	[illegible]	[illegible]	[illegible]	55.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	1	[illegible]	23	[illegible]	0	0	0	[illegible]	0	30	0	0	2.2	8.1	84.8	2	48.	25	29.	55.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28
October	0	[illegible]	[illegible]	[illegible]	[illegible]	0	0	0	0	31	0	0	2.5	8.3	87.	24	52.0	[illegible]	81.6	[illegible]	63.8	[illegible]	[illegible]	[illegible]	[illegible]	1	0	30
November	0	5	21	0	0	0	0	0	0	30	0	0	2.9	[illegible]	80.0	2	56.	22	76.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24
December	0	[illegible]	24	0	0	0	0	0	0	31	0	0	2.2	[illegible]	81.8	22	54.0	22	75.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	0	23
Year	[illegible]	81	[illegible]	[illegible]	5	0	[illegible]	[illegible]	[illegible]	365	0	0	2.5	8.9	88.	19	58.	25	78.	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	22	[illegible]

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAIVASHA METEOROLOGICAL STATION, 1948.

Lat.: 0°43'S Long.: 36°26'E Alt.: 6234 ft. Standard Time 3h 00m East. Ref. No. 90.36/02.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.		Rain	Thunder
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	24.067	23.949	58.9	79.8	47.0	41.9	.325	.269	.177	.759	65	26	4.4	7.6	3	10	8	6	4	6.1	0.24	0.17	15	3	3
February	24.070	23.943	57.6	81.2	46.2	40.1	.316	.251	.165	.827	66	23	2.9	5.9	4	14	9	2	0	8.9	0.35	0.15	21	4	3
March	24.064	23.949	59.4	77.8	49.5	45.2	.357	.304	.157	.659	70	32	5.3	8.1	0	14	3	9	5	47.2	1.86	1.06	9	10	10
April	24.055	23.949	61.3	76.0	53.5	50.4	.413	.369	.133	.538	76	41	7.6	8.2	0	2	5	21	2	73.7	2.90	0.45	21	14	11
May	24.085	24.002	60.7	72.6	54.6	53.1	.431	.408	.106	.401	81	50	5.7	8.1	0	7	12	11	1	47.0	1.85	0.61	7	10	10
June	24.117	24.046	58.9	70.3	52.3	51.5	.396	.384	.106	.366	79	51	6.5	7.8	0	4	12	12	2	32.3	1.27	0.57	10	7	8
July	24.102	24.029	56.9	70.7	50.4	49.5	.369	.357	.101	.402	79	47	7.3	7.9	0	4	5	16	6	13.2	0.52	0.17	30	7	5
August	24.099	24.023	56.9	70.6	49.8	49.6	.360	.360	.110	.390	77	48	6.2	7.7	0	9	5	14	3	30.7	1.21	0.50	9	9	3
September	24.076	23.981	57.9	72.7	51.3	49.5	.384	.357	.100	.455	79	44	4.8	7.9	2	11	7	7	3	91.2	3.59	1.36	8	13	13
October	24.076	23.975	60.8	75.9	54....	47.4	.387	.331	.150	.543	72	38	6.1	7.2	0	7	6	18	0	50.5	1.99	0.44	27	10	7
November	24.073	23.972	59.2	71.3	51.5	51.5	.384	.384	.124	.490	76	50	5.7	8.0	0	4	15	10	1	51.3	2.00	0.39	20	12	4
December	24.058	23.943	60.3	76.0	50.2	47.1	.366	.328	.163	.579	69	36	6.8	8.3	1	0	11	17	2	21.3	0.84	0.39	11	7	4
Year	24.079	23.814	59.1	74.5	50.7	48.1	.374	.342	.133	.526	74	40	5.8	7.7	10	86	98	143	29	473.4	18.64	1.36	Sept. 8	106	74

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	11	2	1	0	0	8	7	2	0	31	0	0	2.7	4.9	85.7	19	37.8	25	82.4	45.4	63.9	47.8	21.6	37.0	0	0	31
February	9	3	0	0	1	6	8	2	0	29	0	0	2.0	4.7	86.5	12	40.2	8	83.8	45.4	64.6	44.8	20.0	38.4	0	0	29
March	13	1	0	0	3	6	3	5	0	31	0	0	2.2	3.8	87.0	26	42.2	24	80.9	48.4	64.7	42.8	18.8	32.5	0	0	31
April	6	1	2	1	4	5	5	6	0	30	0	0	2.0	4.7	85.6	2	43.6	5	78.4	52.1	65.3	38.9	11.9	26.3	0	0	30
May	1	1	0	0	6	15	5	3	0	31	0	0	2.2	4.9	77.8	21	47.0	24	75.7	51.6	63.7	30.3	10.7	24.0	0	0	31
June	1	1	3	3	12	6	4	0	0	30	0	0	3.4	7.8	76.9	7	45.0	21	72.7	50.1	61.4	30.4	11.8	22.6	0	0	30
July	2	0	0	0	11	10	5	3	0	31	0	0	2.2	5.8	77.0	10	41.5	7	72.9	50.1	61.5	31.8	11.0	22.7	0	0	31
August	0	0	0	0	15	12	4	0	0	31	0	0	2.0	5.6	78.2	27	40.2	23	73.7	48.5	61.1	35.5	10.5	25.1	0	0	31
September	2	0	0	0	5	15	8	0	0	30	0	0	2.2	6.3	80.2	16	42.0	20	76.0	48.1	62.1	34.8	18.5	27.9	0	0	30
October	4	0	0	0	10	10	7	0	0	31	0	0	2.5	7.6	82.0	23	43.0	6	77.7	49.9	63.8	37.5	17.0	27.8	0	0	31
November	16	1	1	0	2	3	5	2	0	30	0	0	2.2	4.3	80.0	12,24	42.0	13	74.8	47.1	60.9	36.9	12.5	27.6	0	0	30
December	20	1	1	0	0	2	6	1	0	31	0	0	2.5	5.1	83.2	26	40.0	22	78.3	48.9	63.6	40.9	17.5	29.4	0	0	31
Year	85	11	8	4	69	98	67	24	0	366	0	0	2.3	5.5	87.0	Mar. 26	37.8	Jan. 25	77.3	48.8	63.0	47.8	10.5	28.4	0	0	366

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAKURU D.C., 1948.

Lat.: 0°17'S Long.: 36°04'E Alt.: 6024 ft. Standard Time 3h 00m East. Ref. No. 90.36/21.

Month	Atmospheric Pressure		Temperature				Vapour Pressure		Saturation Def.		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall in 24hrs.	Date	Rain	Thunder
			8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.			
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January			61.1	82.6	49.8	46.5	.360	.319	.180	.806	66	28	4.0	6.1	2	15	5	8	1	7.9	0.31	0.19	9	3	1
February			61.5	84.1	48.6	44.6	.346	.298	.206	.883	63	25	3.2	5.8	5	15	5	3	1	14.7	0.58	0.49	26	3	3
March	--		61.7	80.6	52.2	48.1	.396	.340	.162	.714	71	32	4.9	7.3	1	11	10	7	2	78.5	3.09	1.62	9	10	5
April			61.6	78.0	54.3	52.4	.425	.396	.130	.573	77	41	6.6	8.0	0	6	8	11	5	111.0	4.37	0.90	26	17	9
May			60.4	75.5	56.4	55.7	.461	.449	.071	.443	87	50	5.1	7.8	0	12	10	6	3	108.7	4.28	1.16	6	19	10
June			58.9	73.6	54.7	54.8	.422	.434	.080	.402	84	52	5.8	7.7	0	10	9	4	7	160.3	6.31	2.12	12	18	5
July	--	--	57.7	73.3	53.3	54.6	.410	.431	.071	.396	85	52	6.7	7.6	2	2	9	11	7	134.4	5.29	1.32	15	17	8
August			57.8	73.9	52.9	54.8	.405	.434	.079	.411	84	52	5.5	7.5	2	9	7	10	3	137.7	5.42	1.00	9	18	7
September	--	--	58.9	75.8	53.5	53.4	.413	.413	.092	.488	82	46	4.8	7.4	2	12	5	9	2	67.6	2.66	0.46	9	18	12
October	--		61.6	75.8	52.9	50.6	.405	.372	.150	.529	73	41	5.6	7.5	0	10	7	13	1	37.8	1.49	0.46	30	9	6
November			61.1	74.0	53.5	53.3	.413	.410	.130	.438	76	48	5.4	8.3	0	8	9	12	1	32.5	1.28	0.36	18	14	4
December	--		60.6	77.3	52.0	49.7	.393	.360	.142	.585	74	38	7.1	8.1	0	3	9	13	6	16.3	0.64	0.30	5	9	2
Year	--		60.2	77.0	52.8	51.5	.404	.388	.125	.556	77	42	5.4	7.4	14	113	93	107	39	907.4	35.72	2.12	June 12	155	72

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max & Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	1	2	8	5	7	3	5	0	31	0	0	2.7	10.1	86.6	27	40.0	9	84.0	46.2	65.1	44.6	21.8	32.8	0	1	30
February	0	1	4	12	2	3	3	4	0	29	0	0	2.0	11.4	90.3	15	41.8	2	86.1	46.6	66.3	47.3	26.3	39.5	0	1	28
March	0	2	6	7	2	6	4	3	1	30	0	0	2.9	12.5	88.2	31	45.0	29	82.7	49.5	66.1	42.7	21.1	33.2	1	0	30
April	0	0	4	7	7	7	1	2	2	28	0	0	2.7	9.2	88.5	2	46.8	12	80.9	51.6	66.3	40.0	14.0	29.3	0	0	30
May	0	4	1	11	2	5	6	0	2	29	0	0	2.5	9.6	81.0	9	47.0	25	77.6	52.1	64.9	32.0	14.5	25.5	1	1	29
June	1	2	5	8	6	5	1	0	2	28	0	0	3.6	6.5	77.9	13,29	44.9	22	75.4	51.3	63.3	30.6	14.7	24.1	1	0	29
July	1	1	3	9	8	6	3	0	0	31	0	0	4.5	7.4	80.0	7	43.5	6	74.4	50.7	62.5	36.0	13.0	23.7	0	3	28
August	0	1	4	7	11	3	0	1	4	27	0	0	2.9	8.7	79.9	27	43.0	25	75.3	49.5	62.4	35.0	16.3	25.8	1	1	29
September	0	0	5	6	12	5	1	1	0	30	0	0	4.5	8.1	82.7	22	43.0	30	78.1	48.1	63.1	37.8	18.3	30.0	0	1	29
October	0	1	7	12	6	4	1	0	0	31	0	0	3.6	12.3	84.5	26	42.5	7	79.5	48.7	64.1	40.4	17.3	30.8	0	0	31
November	1	2	2	11	3	3	6	2	0	30	0	0	5.1	9.8	83.1	17	42.2	1	77.2	48.9	63.1	36.9	13.3	28.3	0	0	30
December	1	3	5	7	4	1	4	6	0	31	0	0	3.8	14.5	84.8	31	42.8	22	79.5	49.9	64.7	39.8	18.3	29.6	0	6	25
Year	4	18	48	105	68	55	33	24	11	355	0	0	3.4	10..	90.3	Feb. 15	40.0	Jan. 9	79.2	49.4	64.3	..	13.0	29.8	.	1-	348

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NANYUKI METEOROLOGICAL STATION, 1948.

Lat.: 0°01'N Long.: 37°04'E Alt.: 6389 ft. Standard Time 3h 00m East. Ref. No. 89.37/22.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max.Fall in 24 hrs	Rainfall Date	Number of Days of Rain	Number of Days of Thunder
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.				
January	23.896	23.804	61.2	75.6	49.5	44.6	.357	.289	.189	.606	65	42	4.3	7.1	1	16	4	8	2	0.0	0.00	0.00		0	0
February	23.934	23.807	62.2	76.3	48.1	45.0	.340	.301	.224	.614	60	33	3.2	7.0	2	17	5	5	0	27.9	1.10	0.43	24	6	5
March	23.902	23.822	62.1	78.3	51.5	49.3	.384	.354	.180	.473	68	43	5.1	7.6	0	13	7	9	2	49.5	1.95	0.81	9	8	9
April	23.895	23.816	61.8	70.8	52.9	51.2	.405	.440	.153	.352	73	54	7.2	8.5	0	1	10	17	2	113.3	4.46	1.30	22	13	11
May	23.913	23.845	61.7	69.8	54.0	55.9	.422	.452	.133	.286	76	61	5.1	8.4	0	10	10	11	0	44.2	1.74	0.37	11,18	12	14
June	23.946	23.881	59.9	69.8	51.3	51.6	.381	.387	.142	.351	73	53	4.5	8.0	0	13	8	9	0	34.5	1.36	0.71	15	6	4
July	23.925	23.863	57.5	70.0	50.1	51.1	.375	.381	.103	.368	78	52	6.4	8.2	3	2	8	17	1	124.5	4.90	1.78	22	12	10
August	23.928	23.860	58.4	70.0	50.6	51.4	.363	.381	.130	.366	74	52	5.4	7.5	0	9	12	9	1	20.1	0.79	0.22	15	8	5
September	23.907	23.836	60.6	73.6	49.5	47.5	.357	.331	.180	.505	67	40	4.3	7.8	1	14	7	8	0	16.8	0.66	0.25	23	8	6
October	23.919	23.828	61.1	69.6	52.3	51.1	.396	.378	.159	.354	71	52	6.3	8.3	0	4	14	10	3	76.2	3.00	0.57	15	14	12
November	23.919	23.834	60.0	67.1	53.1	52.6	.408	.402	.115	.283	78	59	5.9	8.1	0	5	12	12	1	93.0	3.66	0.75	6	18	5
December	23.896	23.815	61.2	71.6	51.6	49.9	.387	.363	.159	.420	71	47	6.8	7.9	0	3	9	18	1	21.1	0.83	0.26	27	12	7
Year	23.915	23.834	60.7	71.5	51.2	50.2	.381	.369	.155	.414	71	48	5.4	7.9	7	107	106	139	13	621.1	24.45	1.78	Jan. 22	122	82

@ At station levels corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h. N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>	Mean Wind Velocity h 8.30 m.p.h.	h 14.30 m.p.h.	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max. + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
															F.		F.		F.	F.	F.	F.	F.	F.			
January	3	7	5	3	5	0	1	3	4	26	1	0	4.8	10.7	81.4	25	36.2	9	78.2	43.5	60.9	41.3	25.1	34.7	0	0	31
February	4	5	1	4	2	2	2	9	0	25	0	0	3.6	9.8	83.2	11	37.2	14	79.5	44.3	61.9	44.2	23.7	35.2	0	0	29
March	5	12	0	4	1	2	1	1	5	23	3	0	3.8	11.4	83.1	29	40.2	27	77.1	46.9	62.0	40.0	18.3	30.2	0	1	30
April	2	8	6	4	5	6	4	1	0	30	0	0	4.5	7.8	82.9	13	45.5	5	75.7	49.0	62.3	35.9	14.7	26.7	0	0	30
May	0	1	0	6	0	22	2	0	0	29	2	0	6.7	8.5	77.3	9	43.8	25	74.3	49.0	61.7	31.1	17.1	25.3	0	0	31
June	0	0	1	3	4	21	1	0	0	28	2	0	6.7	11.9	77.6	29	43.6	25	73.6	47.0	60.3	33.6	13.8	26.6	0	0	30
July	1	0	1	8	3	19	1	0	0	28	3	0	6.7	10.5	76.5	14	40.9	6	72.6	47.7	60.1	35.0	16.6	24.9	0	0	31
August	1	0	0	2	6	16	3	3	0	29	2	0	6.7	10.5	77.0	27,29	42.0	23	73.1	46.6	59.9	32.3	16.4	26.5	0	0	31
September	1	2	0	0	6	15	5	1	0	26	4	0	7.4	11.9	80.8	22	43.0	15,17	76.8	46.3	61.5	37.4	20.4	30.5	0	0	30
October	1	1	1	2	6	15	3	4	0	28	3	0	6.7	11.2	80.9	10	41.4	7	74.7	48.0	61.3	37.8	9.6	26.7	0	0	31
November	0	7	3	0	3	13	0	4	0	29	1	0	5.1	10.3	74.6	12	41.1	12	70.6	47.8	59.2	33.5	8.2	22.8	0	0	30
December	1	8	4	5	3	8	2	0	0	31	0	0	5.1	11.4	80.8	31	41.8	21	73.9	49.9	61.9	35.8	12.1	24.1	0	0	31
Year	19	51	15	39	44	139	23	26	9	336	21	0	5.6	10.5	83.2	Feb. 11	36.2	Jan. 9	75.0	47.2	61.1	44.2	8.2	27.9	0	1	365

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAROK METEOROLOGICAL STATION, 1948.

Lat.: 1°08'S Long.: 35°50'E Alt.: 6200 ft. Standard Time 3h 00m East. Ref. No. 91.35/01.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Max. Fall in 24hrs. ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	57.8	79.2	48.6	46.7	.346	.322	.138	.685	72	32	5.2	7.9	2	12	3	14	0	26.9	1.06	4.57	21	6	9
February	-	-	59.6	81.7	47.2	41.8	.328	.266	.189	.827	64	24	5.2	7.5	1	11	5	12	0	3.3	0.13	0.10	6	2	2
March	-	-	58.4	79.1	50.2	46.1	.366	.316	.130	.688	74	32	7.1	8.3	2	1	7	14	7	64.8	2.55	0.95	9	8	8
April	-	-	61.4	76.8	54.4	51.5	.428	.384	.121	.546	78	42	9.2	8.8	0	0	2	11	17	117.9	4.64	1.44	21	9	8
May	-	-	60.7	72.4	55.4	54.1	.443	.422	.094	.381	83	53	8.8	8.1	0	1	2	17	11	22.9	0.90	0.25	17	8	3
June	-	-	58.1	68.9	52.1	51.9	.393	.390	.094	.325	80	55	9.0	8.6	0	0	2	16	12	21.3	0.84	0.34	13	9	2
July	-	-	55.8	70.5	49.5	49.2	.357	.354	.095	.399	79	47	9.0	8.9	0	2	0	13	16	16.0	0.63	0.44	11	6	1
August	-	-	56.5	69.7	49.6	49.7	.360	.360	.101	.372	78	49	8.5	8.7	0	2	2	14	13	64.3	2.53	2.10	4	6	1
September	-	-	58.6	73.5	50.6	49.3	.372	.354	.127	.479	75	43	7.4	8.3	0	3	7	11	9	64.8	2.52	0.90	18	7	7
October	-	-	62.8	77.2	51.6	45.7	.387	.310	.192	.632	67	33	8.9	8.6	0	1	2	14	14	10.4	0.41	0.17	28	5	5
November	-	-	61.1	75.5	51.3	48.8	.381	.348	.162	.544	71	39	6.8	7.8	0	2	11	15	2	26.2	1.03	0.28	28	6	2
December	-	-	60.0	74.3	51.9	50.2	.390	.366	.133	.490	75	43	8.9	8.9	0	0	4	10	17	63.0	2.48	0.83	11	9	8
Year	-	-	59.2	74.9	51.0	48.7	.379	.349	.131	.531	75	41	7.8	8.4	5	35	47	161	118	501.0	19.72	2.10	Aug. 4	81	56

@ At station levels corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	7	Mean Wind Velocity h 8.30 m.p.h.	h 14.30 m.p.h.	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
															F.		F.		F.	F.	F.	F.	F.	F.			
January	4	0	0	2	1	0	0	22	2	29	0	0	4.3	11.0	85.9	19	39.5	13	82.1	46.0	64.1	44.2	20.7	36.1	0	0	31
February	5	0	0	3	3	0	2	15	1	28	0	0	4.7	16.6	86.2	16	38.8	17	83.7	45.2	64.5	46.2	25.8	38.5	0	0	29
March	7	0	0	3	3	0	0	17	1	30	0	0	4.3	13.9	87.5	26	40.0	24	81.5	46.8	64.1	45.3	17.2	34.7	0	0	31
April	1	0	1	14	7	0	0	4	3	26	1	0	6.0	17.9	84.5	3	42.8	11	78.8	49.6	64.2	41.5	14.5	29.2	0	0	30
May	1	0	0	22	6	0	0	2	0	31	0	0	6.7	15.4	75.8	26	44.8	13,20	73.8	52.5	63.1	30.4	8.0	21.3	0	0	31
June	0	0	0	25	1	0	0	2	2	22	6	0	7.8	13.4	75.2	8	38.2	22	71.6	49.2	60.4	34.0	9.1	22.4	0	0	30
July	0	0	1	26	0	0	0	4	0	29	2	0	6.7	13.4	75.4	7	36.5	6	72.0	44.2	58.1	37.1	12.3	24.8	0	0	31
August	0	0	0	27	1	0	0	3	0	27	4	0	8.1	13.6	76.8	3	36.7	26	72.1	45.4	58.7	37.0	9.6	26.7	0	0	31
September	0	0	0	23	2	0	0	5	0	27	3	0	6.9	13.9	81.0	16	39.0	29	76.4	45.7	61.1	40.0	19.3	30.6	0	0	30
October	0	0	0	29	1	0	0	1	0	21	10	0	9.8	16.3	82.5	27	34.3	7	79.3	46.0	62.7	46.2	21.1	33.3	0	0	31
November	0	0	0	24	1	0	0	3	2	27	1	0	5.8	14.8	83.5	27	38.2	3	78.6	42.9	60.8	44.2	18.3	35.7	0	0	30
December	0	1	0	19	0	0	0	9	2	27	2	0	5.8	14.1	81.8	19	39.2	8	77.5	48.5	63.0	39.1	14.4	29.0	0	0	31
Year	18	1	2	217	26	0	2	87	13	324	29	0	6.4	14.5	87.5	Mar. 26	34.3	Oct. 7	77.3	47.1	62.2	46.2	8.0	30.2	0	0	366

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT RUMURUTI, 1948.

Lat.: 0°16'N Long.: 36°32'E Lat.: 6090 ft. Standard Time 3h 00m East. Ref. No. 89.36/01.

Month	Atmospheric Pressure		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall		Rain	Thunder.
	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	..	..	61.4	78.5	50.6	44.1	.372	.292	.180	.694	68	30	2.3	4.2	9	13	9	0	0	2.5	0.10	0.10	19	1	0
February	..	..	63.6	80.5	49.0	43.9	.351	.289	.243	.762	59	27	2.1	4.5	9	12	8	0	0	13.2	0.52	0.24	27	4	0
March	..	..	62.6	79.8	54.4	45.9	.428	.313	.148	.715	75	30	3.2	4.3	3	13	12	2	0	25.9	1.02	0.47	9	4	0
April	..	..	62.3	79.1	55.2	47.9	.440	.337	.127	.667	78	34	3.2	4.5	0	19	10	0	1	50 0	1.97	0.65	26	10	0
May	..	..	62.2	79.1	53.9	49.6	.419	.360	.148	.644	74	36	3.1	4.3	0	23	5	3	0	17.5	0.69	0.35	10	7	0
June	..	..	57.9	73.7	50.5	50.5	.369	.369	.118	.470	76	44	3.2	6.7	0	24	2	2	2	22.6	0.89	0.36	12	5	0
July	..	..	58.6	73.4	52.0	51.4	.393	.384	.106	.446	79	46	4.7	5.5	1	12	10	6	2	124.7	4.91	1.88	10	13	0
August	..	..	58.5	73.4	52.2	52.7	.396	.402	.100	.428	80	48	3.6	4.7	4	15	6	6	0	53.1	2.09	0.96	16	5	0
September	..	..	60.5	76.8	52.2	47.8	.396	.337	.136	.593	75	36	2.2	4.5	8	10	11	1	0	13.2	0.52	0.43	1	2	0
October	..	..	62.4	77.1	53.3	48.1	.410	.340	.157	.599	72	36	3.2	5.5	3	19	5	4	0	35.1	1.38	0 47	30	8	0
November	..	..	61.6	73.3	54.8	50.4	.434	.369	.118	.461	79	45	3.9	5.1	1	16	6	5	2	24.1	0.95	0.25	25	8	0
December	..	..	62.0	75.0	54.1	48.4	.422	.343	.139	.534	76	39	4.3	5.0	4	7	10	7	0	17.3	0.68	0.20	2	6	0
		..	61.1	76.6	52.7	48.4	.403	.345	.143	.584	74	37	3.3	4.9	42	183	94	36	7	399.2	15.72	1.88	July 10	73	0

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	25	4	0	0	0	0	0	2	28	1	0	3.4	5.1	85.0	15,16	39.0	9	80.7	43.1	61.9	44.0	26.0	37.6	0	0	31
February	0	1	23	2	0	1	0	0	2	27	0	0	2.5	16.6	85.0	11	38.0	16	82.7	44.0	63.3	46.0	28.0	38.6	0	0	29
March	0	0	0	28	0	0	0	0	2	25	3	0	7.4	11.2	85.3	29	42.2	1	81.1	48.1	64.6	42.3	21.5	33.1	0	0	30
April	0	0	1	24	3	0	0	0	2	27	1	0	4.5	8.7	85.0	often	44.0	25	81.2	47.5	64.3	39.0	26.9	33.6	0	0	30
May	0	0	12	18	0	0	0	0	1	29	1	0	4.0	9.4	84.0	16,25	42.0	19	81.1	47.7	64.4	39.0	23.0	33.4	1	0	30
June	0	1	28	0	0	0	0	0	1	29	0	0	2.0	2.7	83.0	8	40.0	21,22	78.1	48.2	63.1	40.0	15.0	29.9	3	0	27
July	0	0	3	21	0	0	0	0	1	22	2	0	4.3	2.9	81.0	8	38.5	6	75.8	48.0	61.9	40.5	15.5	27.8	0	0	31
August	0	0	8	7	12	0	0	0	4	22	5	0	7.2	8.7	78.0	29	41.0	25	74.9	47.0	60.9	36.2	20.0	27.9	0	0	31
September	0	0	1	23	4	0	1	0	1	28	1	0	5.6	10.5	82.2	21	40.0	often	78.4	44.4	61.4	42.2	19.9	34.0	0	0	30
October	0	0	3	26	2	0	0	0	0	25	6	0	9.6	13.2	84.0	1	40.0	often	79.9	46.3	63.1	43.0	13.7	33.5	0	0	31
November	0	0	5	25	0	0	0	0	0	29	1	0	6.5	9.6	80.0	23	42.0	1	75.5	49.7	62.6	35.0	15.0	25.8	0	0	30
December	0	0	8	20	0	0	0	0	0	25	3	0	8.3	12.5	85.5	31	37.0	28	76.8	49.9	63.3	43.0	15.0	26.7	0	0	28
Year	0	27	96	194	21	1	1	0	22	316	24	0	5.4	9.3	85.5	Dec. 31	37.0	Dec. 28	78.9	47.0	62.9	46.0	13.7	31.8	4	0	358

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT VOI METEOROLOGICAL STATION, 1948.

Lat.: 3°24'S Long.: 38°34'E Alt.: 1837 ft. Standard Time 3h 00m East. Ref. No. 93.38/01.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24 hrs		Rain	Thunder
	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	--		73.8	86.9	66.7	62.6	.661	.573	.181	.718	79	45	8.0	6.5	0	3	2	17	9	7.6	0.30	0.06	31	8	0
February	--	--	75.0	91.1	65.5	59.4	.635	.514	.242	.963	73	35	7.1	5.2	0	7	2	12	8	20.1	0.79	0.31	27	4	1
March	--	--	77.3	91.0	67.0	60.7	.667	.537	.278	.931	74	39	6.0	7.0	1	8	4	13	5	43.4	1.71	1.40	10	3	3
April	--	--	76.4	86.1	67.6	65.0	.682	.635	.236	.623	78	50	6.5	8.5	0	8	4	17	1	82.5	3.25	1.32	10	7	5
May	--	--	75.8	84.8	64.8	62.6	.620	.573	.281	.638	69	47	5.9	8.5	0	9	6	12	4	7.4	0.29	0.16	28	4	0
June	--	--	72.7	82.2	61.2	58.0	.546	.487	.266	.623	67	44	5.3	8.5	1	11	6	10	2	7.6	0.30	0.12	22	5	0
July	--	--	69.7	79.7	60.1	55.6	.526	.449	.206	.576	72	44	6.5	8.9	1	6	8	8	8	0.0	0.00	0.00	-	0	0
August	--	--	69.9	80.8	59.8	57.0	.520	.473	.218	.587	71	45	6.4	8.6	0	7	5	12	7	0.8	0.03	0.03	11	1	0
September	--	--	71.8	83.2	60.3	57.4	.529	.475	.259	.674	67	41	6.5	7.8	0	3	11	14	2	0.0	0.00	0.00	-	0	0
October	--	--	74.5	86.2	63.7	60.2	.597	.526	.265	.738	69	42	6.5	7.4	1	4	9	9	8	19.6	0.77	0.41	30	8	0
November	--	--	75.6	85.9	66.0	62.5	.647	.570	.248	.682	72	46	6.2	8.1	0	8	7	11	4	74.7	2.94	1.38	20	8	2
December	--	--	75.1	83.6	67.9	66.0	.688	.647	.192	.517	78	56	8.3	8.4	0	1	4	18	8	120.6	4.75	0.81	24	21	4
Year	--	--	74.0	85.1	64.2	60.6	.610	.538	.239	.689	74	45	6.6	7.8	4	75	68	153	66	384.1	15.13	1.40	Mar. 10	73	15

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	5	17	7	0	0	0	0	1	1	29	1	0	5.8	7.2	93.8	29.30	60.2	16	88.3	68.7	78.5	31.5	12.5	19.6	0	0	31
February	0	8	12	2	2	7	2	0	2	27	0	0	4.7	7.8	95.8	18	62.0	4	93.0	69.0	81.0	33.0	16.8	24.1	0	0	29
March	1	2	12	5	3	5	2	0	1	28	2	0	6.0	8.1	96.6	25	62.6	24	92.8	69.9	81.3	32.4	16.5	22.9	0	0	31
April	0	0	3	7	6	11	3	0	0	28	2	0	7.8	8.1	93.4	1	65.8	12	88.3	69.5	78.9	23.3	10.5	18.8	0	0	30
May	0	0	0	10	9	12	0	0	0	26	5	0	9.8	10.1	91.8	8	65.4	24	86.2	69.2	77.7	23.3	9.5	17.0	0	0	31
June	0	0	0	3	1	28	0	0	0	26	4	0	9.6	10.1	89.0	2	61.8	23,30	83.4	65.9	74.7	23.5	9.2	17.5	0	0	30
July	0	0	0	7	7	22	1	0	0	31	0	0	7.6	9.8	86.8	11	62.0	10	81.3	64.1	72.7	22.5	10.8	17.2	0	0	31
August	0	0	0	8	0	21	1	0	1	30	0	0	7.4	11.4	87.4	9	57.4	13	82.1	63.5	72.8	29.6	12.4	18.6	0	0	31
September	0	0	0	10	3	17	0	0	0	25	5	0	8.5	10.3	89.2	17	59.2	21	84.1	64.2	74.1	29.2	12.7	19.9	0	0	30
October	1	1	1	12	1	15	0	0	0	30	1	0	6.9	10.7	92.4	28	62.2	6	88.0	67.8	77.9	27.4	11.4	20.2	0	1	30
November	0	6	3	7	0	13	1	0	0	30	0	0	6.0	7.4	91.2	9	64.9	24	87.9	69.0	78.5	24.3	6.0	18.9	0	0	30
December	2	3	9	1	0	9	3	2	2	29	0	0	5.4	6.5	90.6	3	65.0	7	85.9	69.4	77.7	22.8	8.3	16.5	0	0	31
Year	9	37	47	70	26	154	13	3	7	339	20	0	7.1	8.9	96.6	Mar. 25	57.4	Aug. 13	86.8	67.5	77.1	33.0	6.0	19.3	8	1	365

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT WAJIR, D.C., 1948.

Lat.: 1°45'N Long.: 40°04'E Alt.: 800 ft. Standard Time 3h 00m East. Ref. No. 88.40/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.		Rain	Thunder.
	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	76.9	91.7	65.6	58.1	.638	.490	.266	1.013	71	33	4.5	2.1	9	4	6	7	5	0.0	0.00	0.00	-	0	0
February	-	-	76.9	91.8	66.8	62.2	.664	.576	.269	.931	71	38	5.6	3.3	7	1	6	10	5	7.1	0.28	0.28	20	1	0
March	-	-	78.3	91.4	69.7	66.3	.732	.653	.245	.835	75	44	6.5	5..	1	7	5	7	11	31.2	1.23	0.66	14	5	0
April	-	-	78.9	90.0	70.9	66.7	.765	.664	.233	.759	77	47	8.7	6.3	0	0	2	12	16	83.1	3.27	0.96	17	7	0
May	-	-	78.5	89.5	68.7	67.0	.709	.667	.274	.736	72	48	7.4	5.9	2	2	3	12	12	3.3	0.13	0.13	21	1	0
June	-	-	6.1	88.4	66.3	63.4	.653	.591	.257	.764	71	44	7.4	6.2	2	1	3	11	10	0.0	0.00	0.00	-	0	0
July	-	-	75.2	85.9	67.4	70.6	.679	.759	.204	.490	77	61	7.5	6.7	1	3	4	14	9	6.6	0.26	0.26	1	1	0
August	-	-	74.4	87.1	68.7	75.4	.709	.889	.150	.410	83	69	6.6	5.2	0	1	16	10	2	0.0	0.00	0.00	-	0	0
September	-	-	74.5	88.4	69.5	78.9	.729	.998	.133	.357	84	74	5.8	4.7	1	9	6	11	3	0.0	0.00	0.00	-	0	0
October	-	-	76.6	88.8	70.4	73.2	.750	.827	.174	.543	81	60	8.6	5.4	0	1	2	17	10	88.1	3.47	3.02	29	5	0
November	-	-	75.3	86.3	71.8	75.1	.788	.880	.113	.387	88	70	8.2	5.9	0	0	7	13	10	105.9	4.17	1.02	14	8	0
December	-	-	76.0	86.0	71.9	75.6	.791	.895	.116	.360	87	71	6.3	4.2	0	9	5	11	6	29.0	1.14	0.25	15	6	0
Year	-	-	76.3	88.8	69.0	69.4	.717	.741	.203	.632	78	55	6.9	5.1	23	38	65	135	99	354.3	13.95	3.02	Oct. 29	34	0

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.							Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + ½ Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	31	0	0	0	0	0	4	27	0	18.1	17.2	97.2	11,31	68.0	often	94.9	69.7	82.3	28.2	22.1	25.2	0	0	31
February	0	0	0	29	0	0	0	0	0	3	26	0	19.0	16.3	98.2	3,4	68.4	4.5	95.6	71.5	83.5	29.8	21.0	24.1	0	0	29
March	0	0	0	31	0	0	0	0	0	24	7	0	11.2	13.2	98.2	19	69.4	15	94.5	73.2	83.9	26.1	14.1	21.4	0	0	31
April	0	0	0	30	0	0	0	0	0	2	28	0	20.4	17.0	96.2	5	69.1	29	93.4	72.8	83.1	26.0	16.4	20.5	0	0	30
May	0	0	0	31	0	0	0	0	0	0	31	0	23.3	17.9	93.4	9,29	68.1	20	92.7	72.6	82.7	25.1	14.9	20.1	0	0	31
June	0	0	0	27	0	0	0	0	0	0	27	0	20.8	15.0	93.2	1	67.0	24	91.0	69.6	80.3	24.2	19.2	21.4	0	0	27
July	0	0	0	31	0	0	0	0	0	11	20	0	15.4	13.2	91.2	21	66.1	6,7	88.5	69.6	79.1	23.6	11.6	18.9	0	0	31
August	0	0	0	29	0	0	0	0	0	28	1	0	10.1	11.6	91.1	18	66.6	12	89.3	70.8	80.1	24.0	16.0	18.5	0	0	29
September	0	0	0	30	0	0	0	0	0	30	0	0	9.8	9.8	94.2	30	68.4	5	90.8	71.5	81.1	24.2	14.8	19.3	0	0	30
October	0	1	0	29	0	0	0	0	0	30	0	0	9.6	9.8	95.0	27	69.4	18	91.9	73,7	82.8	25.0	12.2	18.3	0	0	30
November	0	0	0	30	0	0	0	0	0	30	0	0	9.8	9.8	93.4	1	67.5	15	88.1	72.6	80.3	20.8	10.1	15.5	0	1	29
December	0	0	0	31	0	0	0	0	0	31	0	0	9.8	9.8	94.1	27	67.2	23	87.6	71.1	79.3	26.8	13.2	16.4	0	0	31
Year	0	1	0	359	0	0	0	0	0	193	167	0	14.8	13.4	98.2	*	66.1	July 6,7	91.5	71.5	81.5	29.8	10.1	20.0	0	1	359

* February 3rd, 4th and March 19th

EAST AFRICAN

METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1948.

PART II - TANGANYIKA

QC
991
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S8
1948
EM.23

TANGANYIKA.

Amani
Arusha
Biharamulo
Bukoba
Chunya
Dar Es Salaam
Dodoma
Iringa
Kigoma
Kilwa
[redacted]
Kondoa
Lindi
Loliondo
Lyamungu, Moshi
Mbeya
Mbulu
Morogoro
Moshi
Mpwapwa
Musoma
Mwanza
Sao Hill
Songea
Tabora
Tanga
Ukiriguru, Mwanza

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT AMANI, 1948.

Lat.: 5°06'S Long.: 38°38'E Alt.: 2989 ft. Standard Time 3h 00m East. Ref. No. 95.38/03.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall in 24hrs.	Date	Rain	Thunder.
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.				
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	26.914	26.828	70.7	81.0	66.1	67.1	.650	.685	.109	.384	85	64	7.0	7.6	0	1	13	13	4	21.3	0.84	0.48	21	4	1
February	26.946	26.859	70.8	84.4	66.1	66.5	.647	.656	.115	.537	85	55	7.4	7.7	0	0	10	15	4	10.2	0.40	0.16	20	5	2
March	26.934	26.837	71.3	81.6	67.9	69.6	.691	.729	.083	.361	89	67	7.7	8.3	0	0	11	14	6	165.9	6.53	1.30	14	18	3
April	26.952	26.875	69.7	75.2	67.7	69.3	.685	.724	.050	.159	94	82	8.8	8.9	0	0	4	12	14	36.7	14.24	3.20	25	26	0
May	26.996	26.925	68.1	72.8	65.6	67.3	.638	.675	.056	.142	92	83	8.9	8.9	0	0	3	14	14	274.6	10.81	2.20	1	28	2
June	27.064	26.996	65.2	70.1	62.4	63.7	.570	.597	.056	.147	91	80	8.5	8.6	0	0	5	11	14	165.1	6.50	1.20	22	23	0
July	27.052	26.993	63.5	68.9	61.0	62.2	.540	.567	.054	.148	91	80	8.5	8.4	0	1	3	19	8	126.5	4.98	0.90	2	19	0
August	27.044	26.993	63.2	69.0	60.8	62.5	.537	.570	.048	.148	92	80	8.6	8.2	0	0	2	18	11	87.9	3.46	0.65	11	25	0
September	27.026	26.949	64.9	71.7	62.0	63.2	.561	.588	.059	.198	90	75	8.5	8.4	0	0	5	11	14	50.3	1.98	0.55	7	17	0
October	27.002	26.920	67.5	73.9	65.3	67.1	.629	.670	.050	.175	93	79	8.0	7.7	0	1	6	14	10	154.7	6.09	1.16	7	20	0
November	26.976	26.887	70.0	76.8	66.1	68.2	.647	.697	.094	.236	87	75	7.1	7.4	0	4	7	14	5	148.8	5.86	2.64	13	10	2
December	26.922	26.843	69.5	77.3	66.2	69.3	.650	.724	.079	.221	89	77	8.5	8.3	0	1	3	16	11	220.7	8.69	2.32	29	25	5
Year	26.986	26.909	67.9	75.2	64.8	66.4	.620	.657	.071	.238	90	75	8.1	8.2	0	8	72	171	115	1787.7	70.38	3.20	Apr. 25	220	15

@ At Station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + ½ Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	15	0	6	1	4	0	5	0	0	31	0	0	4.9	12.5	89.9	30	59.0	30	83.8	62.8	73.3	30.9	12.4	21.1	1	0	30
February	16	0	5	1	2	0	5	0	0	29	0	0	6.9	14.8	90.2	3	57.5	2	86.3	62.8	74.5	30.7	17.6	23.6	0	0	29
March	12	0	4	1	1	0	13	0	0	28	3	0	6.7	14.1	88.6	5	60.5	often	84.0	64.5	74.3	26.2	9.3	19.5	0	1	30
April	3	0	2	0	6	1	18	0	0	28	2	0	5.6	11.0	81.9	1	60.0	7	77.5	63.9	70.7	19.7	3.5	13.6	1	3	26
May	0	0	0	0	6	11	14	0	0	23	8	0	9.8	11.0	78.7	7	59.5	31	74.9	63.5	69.2	18.5	5.6	11.4	0	5	26
June	0	0	0	0	9	9	12	0	0	20	10	0	10.7	12.3	76.1	2	58.0	13,23	72.2	60.8	66.5	15.9	5.7	11.4	1	1	28
July	0	0	0	0	11	6	14	0	0	24	7	0	9.4	10.5	75.6	10	53.2	8	70.8	58.9	64.9	19.0	4.4	11.9	0	2	29
August	0	0	2	0	13	10	6	0	0	29	2	0	5.1	4.9	74.2	6	51.0	13	71.0	58.4	64.7	21.7	7.5	12.6	2	6	23
September	0	0	10	4	10	5	1	0	0	27	3	0	6.7	9.8	78.0	22	54.0	1	73.2	58.3	65.7	21.0	6.2	14.9	0	4	26
October	4	0	9	3	2	4	7	2	0	31	0	0	4.7	7.8	79.4	25,28	55.0	6	75.8	60.5	68.1	22.4	7.3	15.3	2	4	25
November	3	1	10	6	1	0	6	2	1	28	1	0	5.6	9.6	84.6	25	56.5	23	79.0	62.1	70.5	23.3	10.1	16.9	0	0	30
December	3	1	4	2	0	1	16	2	2	26	3	0	5.8	8.5	85.6	22	61.3	1	79.2	64.0	71.6	22.2	9.1	15.2	0	3	28
Year	56	2	52	18	65	47	117	6	3	324	39	0	6.6	10.6	90.2	Feb. 3	51.0	Aug. 13	77.3	61.7	69.5	30.9	3.5	15.6	7	29	330

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ARUSHA METEOROLOGICAL STATION, 1948

Lat.: 3°23'S Long.: 36°41'E Alt.: 4500 ft. Standard Time 3h 00m East. Ref. No. 93.36/0

Month	Atmospheric Pressure @		Temperature				Vapour Pressure.		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	64.1	80.1	60.1	57.5	.526	.478	.076	.561	87	46	4.2	4.9	9	7	0	6	5	74.2	2.92	1.16	22	8	5
February	-	-	64.3	80.7	60.4	56.5	.532	.461	.076	.596	87	43	4.6	4.5	10	3	0	3	8	37.6	1.48	0.99	6	8	2
March	-	-	64.2	77.7	61.1	58.9	.543	.502	.062	.458	90	52	7.2	6.8	2	2	2	4	9					-	5
April	-	-	63.1	73.0	61.7	61.9	.558	.561	.024	.260	96	69	9.5	5.4	0	1	0	4	21	580.4	22.85	3.89	27	-.	1
May	-	-	62.3	71.2	60.1	61.0	.526	.540	.041	.234	93	70	9.6	6.3	0	0	0	10	18	116.8	4.60	2.09	28	19	0
June	-	-	58.5	67.5	56.3	57.5	.458	.478	.038	.201	92	70	9.3	6.3	0	1	0	7	20	49.3	1.94	0.55	22	15	0
July	-	-	57.7	66.1	54.6	55.3	.431	.443	.050	.207	90	69	8.8	5.8	0	3	1	3	22	15.5	0.61	0.27	26	6	0
August	-	-	58.3	68.2	53.8	54.6	.419	.431	.074	.266	85	62	7.9	4.9	0	6	0	7	15	7.1	0.28	0.15	12	4	0
September	-	-	59.5	72.2	55.1	54.4	.440	.428	.074	.369	86	54	7.2	3.7	2	3	4	7	11	1.3	0.05	0.03	26	2	0
October	-	-	62.9	77.3	58.1	53.3	.490	.418	.089	.538	85	43	6.3	2.3	0	7	7	8	7	26.7	1.05	0.34	31	7	1
November	-	-	64.2	78.9	59.8	55.5	.520	.446	.085	.552	85	45	6.3	3.8	4	6	3	10	7	50.3	1.98	0.54	28	11	3
December	-	-	63.6	73.7	60.8	60.6	.537	.535	.057	.304	90	64	7.9	7.5	1	3	2	8	13	449.6	17.70	4.04	13	/	4
Year	-		61.9	73.9	58.5	57.2	.498	.476	.062	.379	89	57	7.4	5.2	28	42	19	77	156	1408.8	55.46	4.04	Dec. 13	/	21

@ At Station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air,				Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30h		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date							Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	3	2	5	1	0	0	0	16	10	1	0	2.5	8.7	86.7	14	51.8	9,16	84.1	55.5	69.8	34.0	18.7	28.4	0	2	29
February	1	0	5	2	0	0	0	0	16	7	1	0	3.1	10.5	88.0	5	51.4	2	84.2	57.6	70.9	35.4	18.7	26.6	0	6	18
March	1	2	1	1	1	0	0	0	13	6	0	0	1.6	8.3	87.0	25	53.3	5	81.9	59.3	70.6	28.3	12.1	22.3	0	5	14
April	0	0	19	2	0	0	0	0	5	19	2	0	6.0	10.3	84.8	4	56.8	20	76.4	61.0	68.7	19.2	7.8	15.1	2	11	13
May	0	0	28	0	0	0	0	0	0	22	6	0	9.2	11.2	78.2	1	52.8	6	73.8	60.2	67.0	23.4	9.4	13.6	0	2	29
June	0	1	27	0	0	0	0	0	0	19	9	0	10.3	10.5	76.6	9	52.2	30	70.0	56.8	63.4	18.7	6.0	13.2	0	4	24
July	0	1	28	0	0	0	0	0	0	21	8	0	10.7	11.0	72.9	24,25	53.6	27	69.0	55.4	62.2	18.6	8.8	13.6	1	8	20
August	0	1	27	0	0	0	0	0	0	17	11	0	10.7	13.9	75.9	11	53.9	31	71.2	55.7	63.5	20.5	8.6	15.5	1	3	24
September	0	1	26	0	0	0	0	0	0	23	3	1	10.1	15.4	79.8	21	50.8	1,6	74.8	56.0	65.4	25.5	12.0	18.8	0	5	22
October	0	10	9	0	0	0	0	0	0	24	5	0	9.8	16.3	83.8	26,28	52.4	22	80.0	58.5	69.1	29.5	15.9	21.6	1	1	27
November	0	9	18	0	0	0	1	0	2	27	1	0	5.6	14.1	86.3	26	52.7	24	81.4	58.4	69.9	33.1	18.2	22.9	0	2	28
December	30	1	9	0	0	0	1	0	16	10	1	0	2.5	6.7	83.6	24	52.9	2	77.6	59.1	68.3	28.9	9.8	18.3	1	3	23
Year	2	29	209	10	2	0	2	0	68	205	48	1	6.8	11.4	88.0	Feb. 5	50.8	Sept. 1,6	77.0	57.8	67.4	35.4	6.0	19.1	6	52	284

@ Total for March and April - 22.85 inches.

/ Unknown.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BIHARAMULO, 1948.

Lat.: 2°38'S Long.: 31°19'E Alt.: 4850 ft. Standard Time 3h 00m East. Ref. No. 92.31/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.		Rain	Thunder.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
February	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
March	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
April	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
May	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
June	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
July	–	–	–	–	–	–	–	–	–	–	–	–	6.1	7.8	0	8	9	7	7	29.2	1.15	0.44	23	5	3
August	–	–	65.5	76.9	–	–	.511	.597	.148	.268	78	69	7.0	8.6	0	6	7	7	10	36.6	1.44	0.35	25	9	11
September	–	–	66.6	74.6	59.4	63.7	.535	.546	.159	.343	78	62	7.8	9.1	0	1	9	5	14	108.5	4.2	1.02	9	13	1
October	–	–	68.0	75.4	60.6	61.2	.535	.546	.159	.343	78	62	7.8	9.1	0	1	9	5	14	108.5	4.2	1.02	9	13	1
November	–	–	67.8	73.7	61.8	66.6	.558	.659	.130	.180	81	78	8.3	8.0	0	0	6	1	7	37.6	1.48	0.55	17	7	0
December	–	–	66.6	74.9	60.5	66.1	.532	.650	.127	.224	80	75	8.3	7.7	0	1	4	15	9	130.0	5.12	1.30	14	12	0
Year	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max. & Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
February	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
March	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
April	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
May	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
June	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
July	–	–	–	–	–	–	–	–	–	–	–	–	–	–	84.0	9	58.4	11	79.4	61.8	70.6	23.9	9.4	17.7	0	0	31
August	1	0	2	9	10	2	0	0	7	20	4	0	6.5	6.5	84.0	30	54.0	24	79.3	61.4	70.3	27.0	8.8	17.6	0	0	30
September	3	3	1	2	4	1	1	0	15	10	5	0	5.6	8.9	84.0	30	54.0	24	79.3	61.4	70.3	27.0	8.8	17.6	0	0	30
October	1	6	5	2	0	0	0	0	17	6	8	0	6.9	7.8	85.5	4	58.0	10	80.1	61.5	70.8	26.5	9.5	18.6	1	1	29
November	0	0	0	0	2	0	0	1	27	3	0	0	0.9	8.9	86.0	17	58.5	22	78.2	61.8	70.0	24.2	11.0	16.5	0	0	30
December	0	0	0	0	1	2	0	0	26	3	0	0	0.7	6.0	86.0	8	55.0	26,27	77.6	60.3	68.9	26.0	9.8	17.3	0	0	29
Year	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BUKOBA 2ND ORDER STATION, 1948

Lat.: 1°20'S Long.: 31°49'E Alt.: 3753 ft. Standard Time 3h 0m East. Ref. No. 91.31/05

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall in 24hrs.		Thun	
			8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm	ins.	ins.	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	67.1	77.5	63.3	66.8	.588	.664	.082	.290	87	70	7.9	4.5	1	1	7	6	16	156.7	6.17	1.64	11	14	0
February	-	-	68.2	78.2	63.9	67.2	.599	.673	.098	.302	86	69	6.4	5.3	0	2	11	15	1	66.0	2.60	0.58	29	11	0
March	-	-	68.8	77.5	64.6	66.0	.614	.647	.098	.316	86	67	8.2	6.2	0	1	6	10	14	192.3	7.57	1.33	8	14	0
April	-	-	69.2	76.2	65.1	67.5	.626	.679	.095	.234	87	74	8.1	6.1	0	0	7	12	11	321.3	12.65	2.65	9	21	0
May	-	-	68.5	76.5	64.8	67.6	.620	.682	.083	.239	88	74	7.5	6.2	0	1	8	14	8	281.4	11.08	2.45	29	18	0
June	-	-	68.2	74.1	63.1	64.7	.585	.617	.112	.233	84	72	6.9	5.7	0	0	14	13	3	52.3	2.06	0.40	19	10	0
July	-	-	68.2	74.4	62.1	63.9	.564	.602	.133	.257	82	70	7.3	6.8	0	0	12	10	8	99.1	3.90	2.03	1	5	0
August	-	-	66.4	72.5	62.3	64.1	.567	.605	.089	.201	87	75	8.3	8.2	0	1	4	15	11	96.0	3.78	1.02	20	12	0
September	-	-	66.6	74.7	62.3	64.3	.567	.608	.092	.260	86	70	7.7	7.3	0	2	3	17	8	139.4	5.49	2.10	24	12	8
October	-	-	68.9	73.7	64.1	65.2	.605	.629	.110	.210	85	75	7.4	7.6	0	3	9	6	13	137.2	5.40	1.50	30	12	12
November	-	-	68.9	78.3	63.7	66.1	.597	.647	.118	.333	84	66	7.5	6.0	0	0	9	13	7	99.8	3.93	0.93	14	11	4
December	-	-	67.8	77.3	63.6	66.4	.594	.656	.094	.292	87	69	8.3	6.9	0	0	8	9	14	242.6	9.55	1.87	18	14	1
Year	-	-	68.1	75.9	63.6	65.8	.594	.642	.100	.264	86	71	7.6	6.4	1	11	98	140	114	1884.1	74.18	2.65	Apr. 9	.54	25

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	2	2	6	1	0	0	20	10	1	0	2.0	2.7	84.0	31	57.8	14	79.7	60.9	70.3	23.2	14.0	18.9	0	0	31
February	0	0	0	6	9	0	0	0	14	15	0	0	1.6	3.4	84.5	15	60.0	often	80.4	61.7	71.1	24.5	13.5	18.7	0	0	29
March	0	0	0	5	12	0	0	0	14	15	2	0	2.7	2.7	85.0	26	60.0	often	80.1	61.9	71.0	23.5	11.5	18.2	0	0	31
April	0	0	0	3	15	0	0	0	12	17	1	0	2.5	2.2	84.0	1	59.0	23	79.2	62.3	70.7	22.0	4.5	16.9	0	0	30
May	0	0	0	4	16	0	0	0	11	20	0	0	2.2	2.5	84.0	6	60.0	6, 10	79.3	62.4	70.9	24.0	10.0	16.9	0	0	31
June	0	0	0	10	15	0	0	0	5	22	3	0	3.4	2.0	81.5	20	58.0	7, 23	77.5	60.7	69.1	22.0	10.5	16.7	0	1	29
July	0	0	3	6	11	0	0	0	10	17	3	0	2.9	4.5	80.8	8	57.0	8	77.2	60.6	68.9	23.8	12.0	16.5	0	0	30
August	0	0	20	2	3	0	0	0	6	24	1	0	4.0	4.7	81.5	26	57.8	5	77.1	59.7	68.4	22.0	10.0	17.4	0	4	27
September	0	0	22	3	0	0	0	0	4	24	2	0	3.8	3.8	82.0	19	51.5	25	78.2	59.9	69.1	27.5	10.0	18.4	0	1	29
October	0	0	13	4	3	0	0	0	11	19	1	0	2.7	3.8	82.0	14	51.8	7	79.5	59.8	69.7	28.5	12.0	19.7	0	0	31
November	0	0	7	0	14	0	0	0	8	21	0	0	2.5	2.9	83.8	27	57.0	2	80.4	61.2	70.8	25.0	6.5	19.1	0	0	29
December	0	0	23	0	5	0	0	0	3	27	1	0	3.1	2.7	82.5	22	59.0	20, 30	79.6	60.7	70.1	22.5	14.5	8.9	0	2	29
Year	0	0	91	45	109	1	0	0	118	231	15	0	2.8	3.1	85.0	Mar. 26	51.5	Sept. 25	79.0	61.0	70.0	28.5	4.5	18.0	0	8	356

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT CHUNYA, 1948.

Lat.: 8°32'S Long.: 33°26'E Alt.: 4900 ft. Standard Time 3h 00m East. Ref. No. 98,33/02.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.			
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	65.3	77.3	60.6	60.7	.535	.537	.094	.408	85	57	6.5	6.1	0	6	7	9	9	326.1	12.84	3.58	28	14	7
February	-	-	65.6	76.8	59.1	61.4	.508	.543	.130	.387	80	58	5.2	4.7	0	11	7	6	5	62.5	2.46	0.53	2	10	5
March	-	-	64.0	75.2	59.4	60.3	.511	.529	.091	.354	85	60	5.1	5.5	0	5	3	2	2	132.3	5.21	0.79	7	10	1
April	-	-	65.2	78.1	57.7	57.9	.481	.487	.148	.485	77	50	2.9	4.0	0	23	5	0	2	4.3	0.17	0.09	12	2	0
May	-	-	63.5	79.0	54.7	56.1	.431	.455	.160	.546	73	45	2.2	4.2	7	18	3	2	1	5.8	0.23	0.23	18	1	0
June	-	-	58.9	76.5	49.1	52.1	.351	.393	.154	.522	70	43	0.5	4.1	22	8	0	0	0	0.0	0.00	0.00	-	0	0
July	-	-	58.0	76.8	47.5	54.1	.331	.422	.156	.508	68	46	0.9	3.2	25	3	0	3	0	0.0	0.00	0.00	-	0	0
August	-	-	60.9	76.7	49.2	50.2	.354	.366	.186	.561	66	39	1.0	3.0	23	6	0	1	1	0.0	0.00	0.00	-	0	0
September	-	-	62.7	80.0	50.6	48.1	.372	.340	.204	.694	65	33	1.0	2.9	19	9	1	0	1	0.0	0.00	0.00	-	0	0
October	-	-	66.9	83.4	53.9	52.7	.419	.353	.248	.753	63	35	2.5	3.6	2	26	0	2	1	0.0	0.00	0.00	-	0	0
November	-	-	68.1	85.6	55.0	51.5	.437	.384	.257	.856	63	31	3.4	3.2	0	24	0	3	3	30.7	1.21	0.68	27	5	0
December	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

@ At Station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h.								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	11	9	1	0	0	0	10	19	2	0	5.1	8.7	84.9	1	60.0	often	79.4	61.7	70.5	22.7	11.8	17.7	0	7	24
February	0	0	4	11	2	4	7	0	1	20	8	0	9.4	8.9	82.1	9	60.0	often	79.8	61.6	70.7	21.8	11.7	18.2	0	6	23
March	0	0	4	4	2	0	1	0	1	10	1	0	7.8	10.1	81.9	31	59.0	11,31	78.8	61.1	69.9	22.9	10.6	17.4	0	3	9
April	0	1	9	8	6	1	3	0	2	15	13	0	12.1	11.0	83.1	30	54.0	8	80.4	60.4	70.4	24.0	14.9	20.0	0	20	10
May	0	0	11	6	5	2	5	0	2	21	8	0	10.7	11.2	83.7	5,8	50.0	25	81.2	58.0	69.6	29.8	17.4	23.2	0	18	13
June	0	0	6	6	10	5	0	0	3	17	10	0	11.4	10.3	82.9	2	49.9	12	78.7	53.9	66.3	29.2	19.8	24.8	0	26	4
July	1	1	8	5	4	4	5	0	3	22	6	0	9.6	8.5	82.7	23	50.0	20	79.5	53.1	66.3	31.7	22.0	26.3	0	19	12
August	0	0	3	12	6	6	3	0	1	19	11	0	11.9	10.3	82.7	31	50.5	20	79.5	55.5	67.5	29.3	15.8	24.1	0	11	20
September	0	0	8	5	11	5	1	0	0	17	13	0	13.6	8.1	89.5	22	48.1	6	83.6	58.7	71.1	33.4	18.6	24.9	0	15	15
October	0	0	9	4	10	7	1	0	0	17	14	0	13.6	7.4	88.5	often	60.1	2,3,4	85.6	63.3	74.5	26.3	15.2	22.1	0	0	31
November	0	0	5	9	5	5	4	0	2	18	10	0	10.5	9.6	90.8	25	60.1	28	87.4	63.5	75.5	29.2	18.3	23.9	0	2	28
December	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT DAR ES SALAAM, 1948.

Lat.: 6°50'S Long.: 39°18'E Alt.: 47 ft. Standard Time 3h 00m East. Ref. No. 96.39/18.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	9	10	Total mm.	Total ins.	Max. Fall in 24 hrs. ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	29.831	29.456	80.7	84.2	75.5	75.7	.892	.898	.168	.286	84	76	7.0	5.7	0	2	9	18	2	112.0	4.41	2.37	20	7	2
February	29.861	29.475	81.1	84.8	75.8	75.6	.901	.895	.171	.313	84	74	5.6	4.9	0	4	17	8	0	57.4	2.26	1.07	18	10	6
March	29.837	29.746	79.6	86.1	75.7	76.3	.898	.915	.124	.343	88	73	6.9	6.1	0	5	7	17	2	64.8	2.55	0.61	10	15	10
April	29.858	29.781	77.2	82.5	74.7	74.7	.868	.868	.077	.254	92	78	6.4	8.2	0	6	8	12	4	357.1	14.06	1.75	3	25	12
May	29.911	29.834	76.3	84.5	73.4	72.5	.830	.806	.085	.390	91	67	5.8	7.2	1	9	4	14	3	133.1	5.24	1.24	12	16	4
June	30.000	29.926	75.4	81.7	69.7	70.1	.732	.744	.098	.349	88	68	3.5	6.6	0	20	3	6	1	76.5	3.01	1.78	22	11	0
July	30.005	29.929	71.9	81.6	68.4	67.6	.703	.682	.088	.408	89	62	3.9	7.1	1	16	7	4	3	26.9	1.06	0.40	25	8	0
August	30.008	29.929	72.0	81.3	68.7	67.2	.709	.674	.082	.404	89	63	5.3	6.3	0	13	4	13	1	17.5	0.69	0.23	11	12	0
September	29.982	29.884	75.3	82.8	69.3	67.7	.724	.685	.162	.446	82	61	2.8	4.0	1	22	4	3	0	6.3	0.25	0.07	1328	7	0
October	29.940	29.843	79.7	83.9	73.4	71.6	.830	.783	.195	.389	81	67	5.2	4.6	0	10	11	9	1	164.3	6.47	4.12	11	14	3
November	29.902	29.816	81.5	83.8	74.9	74.3	.877	.856	.210	.313	81	3	5.1	5.0	0	8	14	8	0	33.8	1.33	0.63	7	12	0
December	29.857	29.751	80.5	84.1	75.6	75.9	.895	.90	.156	.274	85	77	6.5	6.2	0	5	9	11	6	25.0	4.92	1.97	12	14	6
Year	29.914	29.806	78.4	83.5	72.9	72.4	.826	.809	.135	.347	86	70	5.3	6.0	3	120	97	123	23	1174.7	44.25	4.12	Oct. 11	151	43

@ At station levels: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	21	3	0	0	0	0	1	0	6	24	1	0	5.1	6.0	88.6	17	68.8	22	85.3	77.3	81.4	16.4	4.2	8.2	1	1	29
February	5	6	0	0	0	2	0	0	16	13	0	0	2.5	6.0	88.2	29	72.0	2, 17	86.9	75.5	81.2	15.0	5.6	11.4	0	0	29
March	3	2	0	0	0	1	0	1	24	7	0	0	1.1	6.0	92.0	10	71.3	14	88.1	74.5	81.3	19.2	7.0	13.6	0	1	30
April	0	0	0	0	0	13	0	0	17	13	0	0	1.6	3.1	90.8	1	70.7	13	87.1	73.3	80.2	18.0	2.6	13.8	0	1	29
May	0	0	0	0	5	5	0	0	21	10	0	0	0.7	2.5	91.2	5	68.8	31	86.6	72.5	79.5	19.1	8.5	14.1	0	1	30
June	0	0	0	0	5	20	0	0	5	25	0	0	2.2	3.4	87.0	1	62.3	23	84.2	68.2	76.2	21.5	9.9	15.9	0	0	30
July	0	0	0	0	2	21	0	0	3	28	0	0	2.9	4.5	87.0	10	63.8	8	83.8	67.0	75.4	22.2	11.9	16.8	0	0	31
August	0	0	0	1	4	16	0	0	10	21	0	0	1.6	6.5	86.8	9	62.4	31	83.7	66.2	74.9	21.2	15.6	17.5	0	0	31
September	0	0	1	0	5	12	0	0	12	16	2	0	3.7	15.2	88.8	5	61.9	5	84.7	66.5	75.6	26.9	15.9	18.2	0	0	30
October	0	1	6	5	0	0	0	0	19	12	0	0	1.6	15.2	88.9	8	64.7	5	85.4	70.0	77.7	20.2	9.1	15.4	0	1	30
November	0	5	3	1	0	3	0	0	8	11	1	0	2.5	11.9	87.5	14	68.8	18	85.7	72.5	79.1	17.6	6.1	13.2	0	0	30
December	5	5	1	1	1	4	1	3	9	22	0	0	3.6	8.5	90.6	24	70.7	10	86.0	74.4	80.2	18.7	5.2	11.6	0	0	31
Year	35	22	11	8	27	97	2	4	160	202	4	0	2.4	11.4	92.0	Mar. 10	61.9	Sept. 5	85.6	71.6	78.6	26.9	2.6	14.1	1	5	360

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT DODOMA METEOROLOGICAL STATION. 1948.

Lat.: 6°10 S Long.: 35°46'E Alt.: 3675 ft. Standard Time 3h 00m East. Ref. No. 96.35/01.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of
			Dry Bulb		Dew Point															Total		Max. Fall in 24 hrs		Rain	Thunder
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	0	mm	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	26.270	26.190	68.7	80.8	64.0	63.	.602	.585	.107	.475	85	55	7.1		0	3	8	16	4	80.0	3.15	1.13	20	10	13
February	26.296	26.208	68.7	84.0	63.	60.6	.588	.535	.12.	.643	83	48	5.5	5.5	0	10	5	11	3	32.5	1.28	0.55	3	8	11
March	26.294	26.196	68.5	82.2	64.1	62.9	.605	.579	.10.	.531	86	52	7.5	7.2	0	4	5	13	9	131.8	5.19	0.91	13	15	19
April	26.302	26.223	68.7	82.6	63.8	64.	.588	.537	.12.	.588	83	48	7.5	6.6	0	1	5	24	0	24.6	0.97	0.87	19	5	2
May	26.344	26.267	68.1	82.9	61.0	57.5	.540	.478	.154	.659	78	42	6.4	7.2	0	8	2	21	0	6.3	0.25	0.22	9	3	0
June	26.400	26.323	64.5	80.3	55.	52.4	.449	.396	.162	.649	73	38	3.0	4.3	5	13	7	5	0	0.0	0.00	0.00		0	0
July	26.385	26.311	63.1	79.0	55.0	51.6	.437	.38.	.148	.614	75	39	2.8	4.3	3	18	5	5	0	0.0	0.00	0.00		0	0
August	26.379	26.302	63.2	79.7	55.0	51.	.437	.387	.148	.638	75	38	4.1	4.6	4	12	4	11	0	0.0	0.00	0.00		0	0
September	26.347	26.249	65.7	83.4	54.3	52.0	.428	.393	.210	.762	67	34	2.6	2.6	8	13	5	4	0	0.0	0.00	0.00		0	0
October	26.332	26.223	69.3	86.7	58.6	52.8	.499	.399	.225	.886	69	31	3.9	4.2	4	12	6	9	0	42.2	1.66	1.66	15	1	1
November	26.311	26.196	70.7	88.0	60.0	51.4	.523	.384	.236	.954	69	29	3.7	4.6	2	16	6	6	0	0.5	0.02	0.02	1	1	3
December	26.288	26.187	70.1	85.6	61.4	56.3	.549	.458	.195	.782	74	37	6.0	7.3	0	11	2	14	4	44.2	1.74	0.72	24	9	6
Year	26.330	26.239	67.4	82.9	59.6	56.1	.520	.460	.161	.682	76	41	5.0	5.5	26	121	60	139	20	362.1	14.26	1.66	Oct. 15	52	55

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. + Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	2	21	1	2	2	0	0	3	28	0	0	4.7	4.9	90.3	19	63.0	16,29	84.2	64.7	74.5	26.9	12.6	19.6	0	0	31
February	1	0	25	1	0	0	1	0	1	23	5	0	7.8	8.1	90.5	26	61.0	17	87.1	64.2	75.7	27.6	16.2	22.9	0	0	29
March	1	5	16	3	1	2	1	0	2	22	7	0	7.2	6.0	91.5	6	59.9	14	84.8	64.7	74.7	26.9	14.0	20.1	0	0	31
April	0	3	15	12	0	0	0	0	0	23	7	0	9.4	10.7	88.3	30	61.8	5	85.4	63.9	74.7	25.5	13.8	21.5	0	0	30
May	0	2	9	20	0	0	0	0	0	10	21	0	12.8	15.0	88.7	5,6	57.6	31	85.5	62.1	73.8	27.6	17.3	23.4	0	0	31
June	0	0	12	18	0	0	0	0	0	9	21	0	13.0	14.5	85.2	8	53.0	20,24	82.7	57.1	69.9	31.2	17.1	25.5	0	0	30
July	0	0	19	12	0	0	0	0	0	3	28	0	15.7	13.9	86.3	29	52.7	8	81.5	56.6	69.1	30.1	14.8	24.9	0	0	31
August	0	0	29	2	0	0	0	0	0	1	30	0	16.1	16.8	84.0	9, 12	53.8	18	81.3	57.9	69.6	26.9	17.3	23.4	0	0	31
September	0	0	25	5	0	0	0	0	0	3	27	0	16.1	13.4	90.0	22	52.0	5	84.8	58.9	71.9	29.4	19.7	25.9	0	0	30
October	0	0	25	6	0	0	0	0	0	1	30	0	15.9	16.8	91.0	10,20	57.9	6	87.7	62.4	75.1	29.9	18.3	25.2	0	0	31
November	0	0	29	1	0	0	0	0	0	1	29	0	15.9	15.4	92.0	often	61.8	7	88.9	63.9	76.4	28.6	18.9	25.0	0	0	30
December	1	2	23	1	0	3	0	1	0	17	14	0	9.2	8.9	94.3	3	62.1	25	87.5	65.3	76.4	28.8	13.5	22.3	0	0	31
Year	3	14	248	82	3	7	2	1	6	141	219	0	12.0	12.0	94.3	Dec. 3	52.0	Sept. 5	85.1	61.8	73.5	31.2	12.6	23.3	0	0	366

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT RINGA 2ND ORDER STATION, 1948

Lat.: 7°47'S Long.: 35°42'E Alt.: 5330 ft. Standard Time 3h 00m East. Ref. No. 97 05 00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall in 24hrs.		Rain	Thunder
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	62.9	70.9	59.4	60.9	.511	.540	.068	.225	88	71	7.9	8.4	0	0	7	17	7	215.9	8.50	1.86	28	20	0
February	-	-	63.1	74.9	58.5	59.1	.496	.508	.101	.366	83	58	6.6	7.9	0	3	8	16	2	63.8	2.51	0.74	6	10	0
March	-	-	62.6	72.0	58.9	60.3	.502	.529	.071	.265	88	67	8.2	8.4	0	0	5	18	8	193.0	7.60	1.07	17	21	0
April	-	-	62.8	78.1	57.8	59.5	.484	.514	.095	.458	84	53	5.3	7.0	0	10	9	11	0	65.8	2.59	0.94	23	8	0
May	-	-	62.1	72.9	55.0	56.3	.437	.455	.124	.363	78	56	6.5	8.0	0	0	15	16	0	24.9	0.98	0.82	19	3	0
June	-	-	57.9	70.1	49.3	50.4	.354	.369	.133	.375	73	49	5.2	7.1	2	6	15	5	2	0.3	0.01	0.01	20	1	0
July	-	-	57.2	68.9	47.7	48.4	.334	.343	.139	.372	73	48	2.9	3.6	4	20	6	1	0	0.3	0.01	0.01	26	1	0
August	-	-	59.0	70.3	49.2	50.4	.354	.369	.151	.378	70	49	3.6	3.9	1	21	5	4	0	0.0	0.00	0.00	-	0	0
September	-	-	60.9	75.3	51.3	55.9	.381	.452	.159	.434	71	51	2.3	5.8	11	12	4	3	0	3.0	0.12	0.12	22	1	0
October	-	-	66.0	78.0	53.8	55.2	.419	.440	.228	.559	65	42	3.4	5.6	3	5	2	6	0	8.6	0.34	0.32	28	2	0
November	-	-	66.9	80.5	54.0	52.9	.422	.402	.245	.646	64	38	4.1	7.0	3	4	2	9	0	37.3	1.47	1.35	8	5	0
December	-	-	66.5	76.1	56.5	54.4	.461	.428	.192	.499	71	46	6.4	8.3	1	3.0	1	12	7	63.5	2.50	0.87	23	11	0
Year	-	-	62.3	74.1	54.3	55.1	.429	.443	.142	.412	74	52	5.2	6.9	25	118	79	118	26	676.4	26.63	1.86	Jan. 28	83	0

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 18.00		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	3	0	1	0	1	25	5	0	0	0.7	4.7	80.0	17	54.0	14	75.2	58.8	67.0	24.0	4.0	16.4	0	0	31
February	0	0	0	4	0	0	0	0	25	4	0	0	0.4	1.8	81.5	16	54.0	1	77.7	58.0	67.9	24.5	6.0	19.	0	0	-
March	0	0	0	1	0	1	0	0	29	2	0	0	0.2	2.5	81.0	4	53.6	30	76.7	58.2	67.5	23.7	12.0	18.5	0	0	31
April	0	1	0	13	0	7	0	0	9	21	0	0	2.2	2.5	-	-	56.4	24	-	59.0	-	-	-	-	0	0	30
May	0	1	0	24	0	0	0	0	6	2	3	0	5.1	3.4	80.0	1	54.0	5	74.7	57.6	66.1	25.0	12.0	17.0	0	0	31
June	0	2	0	23	0	0	0	0	5	2	0	0	2.9	3.8	78.0	14	49.0	17	72.2	53.8	63.0	26.4	10.0	18.4		0	30
July	0	1	0	28	0	0	0	0	2	29	0	0	4.9	2.2	76.0	often	51.0	7,23	71.4	53.5	62.5	25.0	9.0	17.9	0	0	31
August	0	0	0	26	0	0	0	0	5	26	3	0	5.1	2.9	79.7	24	49.0	2	72.5	53.9	63.2	27.0	13.2	18.6	0	0	31
September	0	0	0	17	0	3	0	0	12	17	1	0	3.4	2.2	85.2	21	47.2	5	77.5	55.9	65.7	33.0	11.0	25.3	0	0	30
October	0	0	0	14	0	0	0	0	17	14	0	0	0.9	1.6	84.6	19	51.6	5	81.1	57.6	69.3	29.5	13.7	25.5	0	0	31
November	0	2	0	13	0	3	0	0	12	18	0	0	1.6	3.1	87.6	1	55.0	11	82.2	57.8	70.0	30.4	17.8	24.4	0	0	30
December	0	1	0	12	0	4	0	1	15	16	2	0	2.5	2.9	85.6	1	55.1	1	79.5	59.7	69.6	30.5	9.8	19.8	0	0	31
Year	0	8	0	178	0	19	0	2	181	196	9	0	2.5	2.8	-	-	47.2	Sept. 5	-	56.8	-	-	-	-	0	0	366

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KIGOMA METEOROLOGICAL STATION, 1948.

Lat.: 4°53'S Long.: 29°38'E Alt.: 2903 ft. Standard Time 3h 00m East. Ref. No. 94.29/04.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall			Thunder.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs ins.	Date	Rain	
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	26.976	26.928	70.4	76.7	65.1	68.1	.626	.694	.124	.233	83	75	8.7	7.9	0	1	1	23	6	83.1	3.27	1.50	2	.4	28
February	26.987	26.934	70.2	77.9	65.6	67.7	.638	.685	.109	.281	86	71	8.0	7.4	0	1	6	16	6	98.0	3.86	1.31	23	7	27
March	26.982	26.937	70.1	76.2	65.5	67.6	.635	.682	.109	.231	85	75	8.5	7.5	0	0	5	16	10	110.7	4.36	1.07	26	15	28
April	26.976	26.925	71.4	78.5	66.1	68.6	.647	.706	.130	.280	83	72	8.1	8.1	0	1	7	15	7	82.5	3.25	0.81	3	14	20
May	27.014	26.970	70.1	77.9	65.5	67.0	.635	.667	.109	.299	85	70	8.4	7.5	0	0	5	22	4	78.5	3.09	0.79	10	12	18
June	27.360	27.312	67.6	80.3	59.8	60.5	.520	.532	.162	.510	76	51	4.8	3.4	0	13	5	12	0	0.0	0.00	0.00	-	0	10
July	27.041	26.995	67.1	80.1	57.8	58.4	.481	.496	.189	.541	72	48	5.1	3.0	0	11	9	11	0	0.0	0.00	0.00	-	0	5
August	27.026	26.970	69.8	81.2	57.0	60.9	.470	.540	.265	535	64	50	6.3	3.4	0	7	6	17	1	1.5	0.06	0.06	4	1	6
September	27.002	26.934	71.5	80.4	61.5	65.2	.552	.626	.222	.422	71	60	7.6	5.5	0	4	1	20	5	30.5	1.20	1.02	15	7	11
October	27.008	26.934	72.3	78.9	63.0	66.6	.582	.659	.218	.339	73	66	8.3	7.4	0	2	3	16	10	166.4	6.55	3.21	29	13	19
November	27.005	26.934	69.9	75.5	65.3	67.5	.652	.679	.109	.213	86	76	8.5	8.3	0	3	1	14	12	188.5	7.42	1.41	24	22	29
December	26.984	26.931	70.1	76.8	65.2	67.4	.629	.679	.130	.254	83	73	8.6	8.0	0	2	3	13	13	61.7	2.43	0.96	20	14	22
Year	27.030	26.975	70.1	78.4	63.1	65.5	.587	.620	.156	.345	79	65	7.5	6.5	0	45	52	195	74	901.4	35.49	3.21	Oct. 29	119	215

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air									Frequency of Visibility at 8.30		
																			Mean	Mean	½ Max	Range				
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Max.	Min.	+ Min	Max.	Min.	Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	3	9	16	0	0	2	1	0	31	0	0	8.1	11.0	84.2	16	62.7	15	80.2	66.6	73.4	19.7	5.7	13.6	0	0	31
February	0	1	4	23	0	0	0	1	0	28	1	0	8.9	15.4	87.3	29	62.8	20	82.1	66.7	74.4	19.8	8.3	15.4	0	0	29
March	1	3	6	21	0	0	0	0	0	29	2	0	8.5	9.6	83.3	24	63.5	5	80.5	66.7	73.6	17.2	7.4	13.8	0	1	30
April	0	3	11	15	0	0	1	0	0	26	4	0	8.7	11.0	87.4	2	64.0	4	82.7	67.1	74.9	20.0	8.7	15.7	0	1	29
May	0	0	9	21	0	0	0	1	0	25	6	0	10.1	8.9	85.3	13	63.7	25	81.5	66.9	74.2	21.0	4.5	14.7	0	0	31
June	0	1	11	17	1	0	0	0	0	23	7	0	10.1	11.6	86.9	3	58.0	20	82.7	63.5	73.1	25.2	14.1	19.2	0	0	30
July	0	1	8	22	0	0	0	0	0	26	5	0	8.3	13.6	86.4	26	59.2	20	83.2	63.3	73.3	24.3	16.7	19.9	0	5	26
August	0	1	15	15	0	0	0	0	0	17	14	0	12.3	14.5	90.3	25	61.0	7	84.9	65.5	75.2	25.7	10.0	19.3	0	8	23
September	1	2	8	16	1	0	0	2	0	22	8	0	10.1	13.4	88.3	30	63.5	5	83.9	67.8	75.9	21.0	10.9	16.2	0	10	20
October	0	1	11	16	3	0	0	0	0	24	7	0	9.6	11.6	89.6	2,5	63.6	29	82.4	67.4	74.9	22.7	5.5	15.1	0	0	31
November	0	4	11	13	0	0	0	2	0	27	3	0	8.7	8.7	83.3	10	61.1	25	78.7	65.3	72.0	18.4	4.6	13.4	0	4	26
December	1	3	4	21	0	0	0	2	0	26	5	0	8.3	10.3	85.6	10	63.6	15	80.1	66.9	73.5	17.3	6.7	13.3	0	0	31
Year	3	23	107	211	5	0	2	10	0	304	62	0	9.3	11.6	90.3	Aug. 25	58.0	June 20	81.9	66.1	74.0	25.7	4.5	15.8	0	29	337

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KILWA METEOROLOGICAL STATION, 19[illegible]

Lat.: 8°45'S Long.: 39°25'E Alt.: 30 met. Standard Time 3h 00m East. Ref. No. 98.39/0[illegible]

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of occasions at 8.30h of Cloud Amounts					Rainfall				Number of days of Thunder
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs ins.	Date	Rain	
	ins.	ins.	°F	°F	°F	°F	ins.	ins.	ins.	ins.	%	%												
January	–	–	81.3	83.1	78.6	80.3	.986		.092	.104	92	91	7.8	6.9	0	1	5	20	5	104.1	4.10	1.10	6	13	0
February	–	–	81.9	86.7	78.0	80.2	.969		.130	.240	88	81	7.1	5.1	0	1	10	17	1	25.4	1.00	0.34	27	7	0
March	–	–	81.3	85.3	77.[illegible]	80.1	.960		.118	.177	89	85	8.0	7.5	0	0	5	25	1	163.8	6.45	2.82	17	13	0
April	–	–	82.2	85.3	78.5	80.1	.992		.118	.189	90	84	8.2	7.2	0	0	4	26	0	138.9	5.47	1.28	10	17	0
May	–	–	81.9	85.1	77.4	80.2	.951		.151	.178	87	85	7.2	6.2	0	2	9	20	0	68.8	2.71	1.72	8	7	0
June	–	–	79.6	84.2	74.5	75.[illegible]	.862	.[illegible]	.160	.295	85	75	5.8	4.9	0	4	17	9	0	16.3	0.64	0.26	3	4	0
July	–	–	78.8	82.8	72.8	74.5	8.[illegible]	9.2	.180	.272	82	76	5.5	4.6	0	9	9	13	0	6.3	0.25	0.13	17	2	0
August	–	–	77.6	81.9	72.2	74.0	.791	848	.160	.254	83	77	5.5	4.6	1	0	22	8	0	4.6	0.18	0 05	1,6	4	0
September	–	–	81.8	82.5	73.7	75.1	.842	880	.25	.242	77	79	6.6	4.9	0	1	14	15	0	1.5	0.06	0.06	30	1	0
October	–	–	83.[illegible]	84.[illegible]	77.9	7[illegible].5	.96[illegible]	9[illegible].4	1.17	2[illegible].7	84	80	6.6	5.5	0	0	19	12	0	11.7	0.46	0.22	25	5	0
November	–	–	83.9	85.1	80.[illegible]	[illegible]9.[illegible]	1.035	1[illegible]5	.136	[illegible]95	89	84	6.5	6.0	0	0	21	9	0	29.5	1.16	0.90	15	7	0
December	–	–	81.[illegible]	84.7	[illegible]7	[illegible].8	.959	983	.157	[illegible].2[illegible]	86	82	7.2	6.[illegible]	0	0	17	14	0	143.0	5.63	2.65	10	11	0
Year	–	–	81.2	84.2	[illegible]	8.0	92	9[illegible]	.153	216	86	81	6.8	5.8	1	18	152	188	7	743.9	28.11	2.82	Mar. 1	91	0

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h.			Mean Wind Velocity		Extremes of Temperature of the Air.						½ Max + Min	Range			Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.		Max.	Min.	Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	°F.		°F.		°F.	°F.	°F.	°F.	°F.	°F.			
January	0	0	31	0	0	0	0	0	0	29	2	0	7.2	8.3		.	72.0	3	.	75.8	–	–	–	–	1	1	29
February	0	0	29	0	0	0	0	0	0	27	2	0	5.6	9.2		.	73.4	23,26	.	76.3	–	–	–	–	1	0	28
March	0	0	28	0	0	0	0	0	3	27	1	0	4.7	7.6			72.5	often	.	74.9	–	–	–	–	1	3	27
April	0	0	3	17	10	0	0	0	0	27	3	0	7.6	7.8			71.6	12	.	74.9	–	–	–	–	0	3	27
May	0	0	0	0	31	0	0	0	0	22	9	0	10.7	11.2			70.2	25	.	74.0	–	–	–	–	0	2	29
June	0	0	0	1	15	14	0	0	0	17	13	0	13.9	14.8			65.7	14	.	70.5	–	–	–	–	0	0	30
July	0	0	0	0	21	10	0	0	0	20	11	0	10.3	12.5			67.1	8	.	69.8	–	–	–	–	0	0	31
August	0	0	0	0	31	0	0	0	0	29	2	0	5.8	8.7			64.4	5, 7	.	69.2	–	–	–	–	0	1	30
September	0	0	12	5	7	5	1	0	0	23	7	0	10.1	10.1	85..	often	66.4	6	83.2	72.5	77.9	15.5	5.9	10.7	0	0	28
October	0	1	21	6	0	0	3	0	0	27	4	0	7.8	7.6	86.0	often	68.7	27	84.5	75.3	79.9	15.9	6.3	9.2	0	0	31
November	0	0	29	1	0	0	0	0	0	28	2	0	6.7	8.3		.	73.4	12		77.2		-			0	2	30
December	0	0	31	0	0	0	0	0	0	31	0	0	4.3	7.4		.	68.0	14	-	75.6		-			0	0	31
Year	0	1	84	30	115	29	4	0	3	307	56	0	7.9	9.5	.	.	64.4	Aug. 5, 7		73.9	–	–	–	–	3	9	350

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KONDOA 2ND ORDER STATION, 194[illegible]

Lat.: 4°55'S Long.: 35°47'E Alt.: 454[illegible] ft. Standard Time 3h 00m East. Ref. No. 94.35/01

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb 8.30	Temperature Dry Bulb 14.30	Temperature Dew Point 8.30	Temperature Dew Point 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. fall in 24 hrs.	Date	Number of Days of Rain	[illegible]
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%								mm.	ins.	ins.			
January	25.487	25.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83	44	5.9	5.9	0	9	7	12	3	115.1	4.53	[illegible]	[illegible]	[illegible]	[illegible]
February	25.49[illegible]	25.[illegible]	68.3	[illegible]	61.5	[illegible]	.552	.475	.148	[illegible]	[illegible]	38	4.6	5.0	0	14	6	8	1	0.3	0.01	[illegible]	[illegible]	[illegible]	[illegible]
March	25.493	25.387	[illegible]	[illegible]	62.[illegible]	[illegible]	[illegible]	[illegible]	.085	[illegible]	[illegible]	[illegible]	6.0	5.6	0	6	13	5	7	146.0	5.75	[illegible]	[illegible]	[illegible]	[illegible]
April	25.49[illegible]	25.402	[illegible]	[illegible]	60.[illegible]	[illegible]	.552	.508	[illegible]	[illegible]	[illegible]	56	6.7	5.6	0	4	7	15	4	34.3	1.35	[illegible]	[illegible]	[illegible]	[illegible]
May	25.535	25.[illegible]	[illegible]	[illegible]	59.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.1	6.1	0	5	11	14	1	17.0	0.67	[illegible]	[illegible]	[illegible]	[illegible]
June	25.600	25.508	[illegible]	[illegible]	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.3	5.1	0	9	11	7	3	0.0	0.00	[illegible]	[illegible]	[illegible]	[illegible]
July	25.591	25.[illegible]	[illegible]	[illegible]	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62	[illegible]	4.6	5.4	0	12	10	6	2	0.0	0.00	[illegible]	[illegible]	[illegible]	[illegible]
August	25.[illegible]2	25.493	[illegible]	[illegible]	55.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.8	5.8	0	13	8	7	3	0.5	0.02	[illegible]	[illegible]	[illegible]	[illegible]
September	25.549	25.[illegible]	[illegible]	[illegible]	54.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39	5.3	4.4	0	10	7	11	2	0.0	0.00	[illegible]	[illegible]	[illegible]	[illegible]
October	25.549	25.422	[illegible]	[illegible]	58.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.3	4.7	0	14	10	6	1	6.6	0.26	[illegible]	[illegible]	[illegible]	[illegible]
November	25.508	25.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.7	5.2	0	8	14	7	0	7.9	0.31	[illegible]	[illegible]	[illegible]	[illegible]
December	25.[illegible]	25.387	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.314	[illegible]	[illegible]	[illegible]	[illegible]	5.9	7.2	0	9	8	7	7	101.3	3.99	[illegible]	[illegible]	[illegible]	[illegible]
Year	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	113	112	105	34	429.0	16.89	[illegible]	[illegible]	[illegible]	[illegible]

@ At station level: corrected for Temperature and to standard gravity

Month	Frequency of Wind Direction at 8.30h: N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h: [illegible]	[illegible]	[illegible]	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air: [illegible]	Date	[illegible]	Date	[illegible]	Mean Max.	Mean Min.	[illegible]	[illegible]	[illegible]	[illegible]	Visibility [illegible]	[illegible]	[illegible]
													m.p.h.	m.p.h.														
January	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	26	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.7	29.5	14.5	22.8	0	0	31
February	[illegible]	[illegible]	10	[illegible]	[illegible]	[illegible]	2	0	0	[illegible]	12	0	[illegible]9	[illegible]9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March	2	[illegible]	[illegible]	0	[illegible]	2	[illegible]	0	0	[illegible]	[illegible]	0	12.[illegible]	15.4	89.4	25	59.4	11	84.6	62.7	73.7	27.4	14.6	2[illegible].9	0	0	31
April	[illegible]	[illegible]	18	0	[illegible]	[illegible]	0	0	0	[illegible]	[illegible]	0	[illegible]	14.5	84.5	2	59.0	25	81.3	62.6	71.9	24.8	13.4	18.8	0	0	30
May	0	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]	[illegible]	0	[illegible]9	15.0	84.6	12	58.1	31	79.8	6[illegible].3	70.5	2[illegible].2	9.4	18.4	0	0	31
June	5	[illegible]	5	0	0	[illegible]	0	0	[illegible]	8	22	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	4	[illegible]	[illegible]	0	[illegible]	0	0	0	0	12	18	0	13.6	[illegible]	87.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August	[illegible]	20	10	[illegible]	0	0	0	0	0	8	23	0	13.2	13.6	83.1	9	52.4	19	77.9	56.3	67.1	27.3	15.3	21.6	0	0	31
September	2	18	10	0	[illegible]	0	[illegible]	0	0	[illegible]	22	0	15.4	15.0	86.0	21,22	48.6	5	81.4	58.1	69.7	30.7	15.8	23.4	0	0	30
October	4	16	[illegible]	[illegible]	0	0	0	[illegible]	0	[illegible]	2[illegible]	0	16.6	16.1	89.6	26	55.9	6	85.2	60.5	72.9	29.3	20.3	24.7	0	0	31
November	2	16	[illegible]	0	0	0	0	0	0	[illegible]	18	0	13.6	15.7	90.0	25	59.4	22	86.1	62.7	74.4	27.2	14.4	23.4	0	0	29
December	1	10	17	[illegible]	[illegible]	0	0	[illegible]	0	13	18	0	14.5	15.4	89.8	3	59.0	22	83.4	63.1	73.3	25.2	8.8	20.3	0	0	31
Year	33	163	14[illegible]	3	[illegible]	7	8	[illegible]	[illegible]	15[illegible]	212	[illegible]	[illegible]	[illegible]	90.0	Jan. [illegible]	48.6	Sept. 5	[illegible]	60.[illegible]	[illegible]	30.8	8.8	2[illegible].9	0	0	[illegible]

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LIND METEOROLOGICAL STATION, 1948

Lat.: 10°00'S Long.: 39°42'E Alt.: 127 ft. Standard Time 3h 00m East. Ref. No. 100.39/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions of Cloud Amounts					Rainfall				Number of Days of		
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total		Max. Fall in 24hrs.	Date	Rain	Thunder
	ins.	ins.	°F.	°F.	°F.	°F.	ins.	ins.	ins.	ins.	%	%								mm.	ins.	ins.			
January	29.751	29.675	78.0	83.7	73.7	74.1	.839	.850	.130	.316	87	73	7.7	7.9	0	1	7	18	5	215.4	8.48	2.04	20	15	14
February	29.793	29.698	78.8	86.5	74.1	74.2	.850	.855	.145	.423	86	67	5.6	6.0	0	7	10	11	1	78.0	3.07	1.80	9	11	19
March	29.775	29.678	77.0	85.4	73.4	74.6	.830	.865	.106	.366	89	70	6.8	6.6	0	9	2	17	3	185.4	7.30	2.58	19	16	19
April	29.805	29.719	77.1	83.7	73.2	74.1	.824	.850	.112	.306	88	73	4.0	7.0	0	17	6	7	0	206.8	8.14	2.15	11	15	14
May	29.867	29.781	75.5	85.8	70..	70.5	.741	.753	.148	.493	83	61	3.5	6.3	1	18	5	7	0	19.6	0.77	0.42	13	7	5
June	29.961	29.870	72.0	85.1	66.4	67.2	.656	.675	.138	.544	85	55	2.9	6.5	0	22	2	6	0	2.0	0.08	0.06	23	2	0
July	29.961	29.876	71.7	84.4	67.1	70.2	.670	.747	.116	.446	85	62	3.0	5.7	3	18	5	5	0	4.8	0.19	0.15	18	3	0
August	29.955	29.867	72.4	83.7	67.3	70.2	.676	.747	.127	.393	84	66	3.9	5.6	1	17	4	8	1	1.8	0.07	0.02	often	1	0
September	29.920	29.828	75.1	85.1	68.4	70.7	.705	.759	.127	.384	80	67	4.0	5.5	2	13	6	9	0	5.8	0.23	0.19	24	3	0
October	29.878	29.793	79.6	84.5	72.2	73.0	.799	.822	.225	.345	78	69	7.2	6.3	0	2	7	22	0	0.8	0.03	0.02	2	2	0
November	29.840	29.751	81.0	85.6	75.6	76.9	.839	.879	.141	.307	84	75	5.9	5.1	0	4	11	15	0	57.1	2.25	1.55	2	5	4
December	29.763	29.672	80.0	86.0	74.4	75.4	.859	.889	.121	.366	83	71	7.2	6.3	0	1	8	18	4	128.8	5.07	1.30	26	14	13
Year	29.856	29.769	76.5	84.8	71.3	72..	.776	.814	.148	.394	84	67	5.1	5.7	7	129	73	143	14	906.3	42.68	2.58	Mar. 19	97	88

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air							Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-6	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. - Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good
													m.p.h.	m.p.h.	°F.		°F.		°F.	°F.	°F.	°F.	°F.	°F.			
January	1	0	0	9	3	10	1	6	1	30	0	0	3.4	7.8	90.0	15	70.4	8	83.4	74.0	80.1	16.7	6.0	13.3	0	1	30
February	0	0	0	7	6	0	0	6	0	29	0	0	3.4	9.2	91.2	3	71.1	15	89.1	74.2	81.7	19.1	10.8	14.9	0	0	29
March	0	0	0	3	9	15	2	2	0	30	1	0	4.5	7.8	93.2	4	70.5	20	88.4	73.4	80.9	20.0	7.1	15.1	0	0	31
April	0	0	0	0	2	27	0	1	0	30	0	0	6.0	7.4	92.0	3	71.2	11, 19	87.9	72.8	80.3	20.4	9.1	15.1	0	0	30
May	0	0	0	1	2	28	0	0	0	31	0	0	5.2	8.3	90.2	5, 11	68.6	31	88.2	71.2	79.7	22.2	9.3	17.0	0	0	31
June	0	0	0	1	1	28	0	0	0	29	1	0	5.4	10.1	89.8	7, 16	59.6	12	87.4	67.1	77.3	27.0	13.1	20.3	0	0	30
July	0	0	0	2	4	25	0	0	0	30	1	0	5.8	9.8	89.4	1	62.8	6	87.2	66.7	76.9	24.4	16.6	20.5	0	0	31
August	0	0	0	0	1	20	0	0	0	30	1	0	6.9	10.5	93.2	1	64.8	10	86.6	67.2	76.9	25.2	12.0	19.4	0	0	31
September	1	1	0	6	8	4	0	0	0	27	3	0	5.8	12.8	93.3	2	63.5	5	86.1	68.7	77.4	26.7	11.5	17.4	0	0	30
October	0	1	0	11	6	3	0	0	0	31	0	0	4.0	13.4	90.6	29	67.8	5	87.2	72.8	80.0	19.9	9.5	14.4	0	0	31
November	1	11	0	10	4	3	0	1	0	29	1	0	3.8	11.6	92.0	15	71.1	9	88.0	74.4	81.2	18.4	6.0	13.6	0	0	30
December	1	2	1	6	5	2	0	1	3	28	0	0	2.9	8.7	93.8	22	65.8	27	88.8	74.5	81.7	18.5	10.5	14.3	0	1	30
Year	4	25	1	56	61	195	3	17	4	354	8	0	5.1	9.8	93.8	22 Dec.	59.6	12 June	87.7	71.4	79.5	27.0	6.0	16.3	0	2	364

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LOLMONDO, 1948

Lat.: 2°03'S Long.: 35°37'E Alt.: 7000 ft. Standard Time 3h 00m East. Ref. No. 92.35/0C.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	61.0	70.5	53.5	54.0	.418	.328	.130	.392	77	51	4.2	5.1	8	6	7	9	1	55.9	2.20	0.59	17.20	10	
February	-	-	61.1	73.5	55.1	48.6	.408	.346	.135	.487	76	41	4.5	4.3	4	10	5	8	2	27.2	1.07	0.52	5	4	0
March	-	-	61.2	72.1	55.9	53.0	.419	.405	.127	.392	77	51	4.8	4.6	4	10	5	8	4	102.1	4.02	1.24	9	12	0
April	-	-	59.0	70.4	55.2	53.6	.440	.413	.065	.337	87	55	8.0	5.0	0	4	2	13	11	206.2	8.12	1.56	22	13	0
May	-	-	58.9	69.4	53.9	51.3	.419	.381	.085	.345	84	53	8.7	4.0	0	4	2	12	16	25.1	0.99	0.87	28	4	0
June	-	-	58.0	68.4	52.1	49.5	.393	.357	.094	.346	81	51	8.5	5.1	0	3	2	8	17	5.3	0.21	0.08	10	3	0
July	-	-	54.0	69.0	50.4	50.7	.369	.372	.053	.346	88	52	9.5	4.8	0	0	0	9	22	0.0	0.00	0.00	-	0	0
August	-	-	53.7	68.5	49.3	51.0	.354	.378	.062	.328	85	54	8.9	4.2	0	4	0	12	15	2.3	0.09	0.08	5	2	0
September	-	-	55.6	69.1	50.4	50.1	.369	.366	.077	.352	83	51	6.7	5.1	2	8	1	9	10	19.0	0.75	0.36	14	5	0
October	-	-	58.3	72.5	51.7	49.1	.387	.351	.103	.455	79	43	7.0	3.9	0	6	3	15	7	5.1	0.20	0.16	15	3	0
November	-	-	58.2	70.4	52.6	51.6	.402	.384	.088	.369	83	51	6.9	4.9	0	5	6	13	6	46.7	1.84	0.75	14	8	0
December	-	-	58.0	66.6	53.2	51.9	.410	.390	.077	.271	84	59	7.6	5.6	1	7	1	7	15	188.5	7.42	1.56	9	18	0
Year	-	-	58.1	70.0	52.4	50.9	.399	.377	.091	.367	82	51	7.1	4.7	19	64	34	123	126	683.4	26.91	1.56	Aug22 Dec 9	82	

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity 8h30 m.p.h.	14h30 m.p.h.	Extremes of Temperature of the Air, Max.	Date	Min.	Date	Mean Max.	Mean Min.	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	0	31	0	0	0	0	0	0	0	25	6	0	11.0	17.4	76.3	17	45.0	2.12	72.9	48.9	60.9	29.2	16.3	24.0	0	0	31
February	0	29	0	0	0	0	0	0	0	9	20	0	18.6	18.1	76.2	5,24	46.0	11	74.9	50.1	62.5	30.0	16.6	24.3	0	0	29
March	0	31	0	0	0	0	0	0	0	11	20	0	19.0	22.4	78.4	26	47.0	often	73.8	50.3	62.	30.4	18.	23.6	0	0	31
April	0	30	0	0	0	0	0	0	0	13	17	0	17.7	18.8	75.0	4	48.0	11	71.4	53.1	62.3	26.0	10 0	18.3	0	1	29
May	0	31	0	0	0	0	0	0	0	15	16	0	14.8	22.1	72.0	often	50.0	often	70.3	51.4	60.9	22.0	16.7	18.9	0	4	27
June	0	30	0	0	0	0	0	0	0	16	14	0	14.5	19.0	71.0	often	47.0	often	69.3	49.8	59.5	23.9	16.0	19.5	0	1	29
July	0	30	1	0	0	0	0	0	0	13	18	0	17.2	19.5	-	-	46.0	often	-	47.2	-	-	-	-	1	0	30
August	0	31	0	0	0	0	0	0	0	15	16	0	16.1	16.8	-	-	44.0	often	-	46.0	-	-	-	-	0	1	30
September	0	27	3	0	0	0	0	0	0	20	10	0	13.0	13.9	75.0	15,21	44.0	often	71.6	47.1	59.3	29.0	18.0	24.5	0	0	30
October	0	16	15	0	0	0	0	0	0	7	24	0	20.6	20.1	75.0	often	47.0	8	73.4	49.9	61.7	26.0	19 0	23.5	0	0	31
November	0	28	2	0	0	0	0	0	0	7	23	0	16.8	17.2	75.0	13	48.0	25	73.4	50.6	62.0	25.0	18.0	22.8	0	0	30
December	0	27	4	0	0	0	0	0	0	13	18	0	14.5	14.1	74.0	5	48.0	often	70.5	50.3	60.4	26.0	14.0	20.2	0	0	31
Year	0	341	25	0	0	0	0	0	0	164	202	0	16.1	18.3	-	-	44.0	/	-	49.5	-	-	-	-	1	7	358

/ August, September and often.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LYAMUNGU, MOSHI, 1948.

Lat.: 3°14'S Long.: 37°15'E Alt.: 4100 ft. Standard Time 3h 00m East. Ref. No. 93.37/21.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall		Rain	Thunder.
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	67.8	82.3	59.1	59.4	.508	.602	.180	.602	74	46	3.1	6.6	5	15	5	5	1	18.3	0.72	0.30	21	5	0
February	-	-	67.8	83.3	59.0	58.4	.505	.496	.180	.656	74	43	2.8	6.1	8	14	2	3	2	26.4	1.04	0.41	21	5	0
March	-	-	68.1	79.7	61.3	61.4	.546	.552	.148	.473	79	54	4.1	7.0	4	14	3	5	5	80.0	3.15	1.62	10	8	2
April	-	-	64.4	75.3	62.2	63.7	.564	.597	.047	.289	92	67	9.4	7.4	0	0	1	9	20	388.9	15.31	2.40	16	26	0
May	-	-	63.1	71.6	61.2	62.7	.546	.576	.036	.207	94	74	9.5	7.5	0	1	0	4	26	405.1	15.95	3.39	17	29	0
June	-	-	60.1	68.3	58.0	58.6	.487	.499	.039	.198	93	71	9.5	7.5	0	1	1	1	27	97.3	3.83	1.05	22	23	0
July	-	-	58.6	67.0	56.5	56.8	.461	.467	.038	.203	93	70	9.7	7.8	0	0	2	1	28	41.9	1.65	0.43	1	18	0
August	-	-	59.1	70.3	56.6	56.3	.464	.458	.044	.289	92	61	9.0	6.9	0	2	2	4	23	13.5	0.53	0.10	7	10	0
September	-	-	60.5	73.1	57.3	57.1	.475	.473	.057	.351	90	58	8.0	6.5	1	4	1	6	17	8.9	0.35	0.08	26	7	0
October	-	-	64.8	79.0	59.4	57.8	.511	.484	.109	.517	82	49	7.3	4.8	0	6	4	10	11	58.9	2.32	1.66	3	9	0
November	-	-	66.5	78.8	60.6	59.8	.535	.520	.121	.475	81	52	6.5	6.4	1	7	4	13	5	47.0	1.85	1.40	14	7	0
December	-	-	66.3	76.5	61.5	62.5	.552	.570	.101	.351	85	62	7.7	7.9	0	5	4	8	14	162.8	6.41	3.45	13	12	0
Year	-	-	63.9	75.4	59.4	59.5	.513	.525	.092	.384	86	59	7.2	6.9	19	69	29	69	179	1149.0	53.11	3.45	Dec. 13	159	2

@ At station level: corrected for Temperature and to Standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. & Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	2	6	4	2	0	1	0	3	13	18	0	0	1.6	5.4	90.0	31	52.2	16	85.2	57.0	71.1	36.8	16.2	28.2	0	0	31
February	4	4	5	4	2	0	0	0	10	19	0	0	2.7	4.7	91.2	16	52.7	29	86.8	55.9	71.3	37.2	20.1	30.9	0	0	29
March	5	8	2	6	1	0	1	0	8	23	0	0	2.0	4.7	88.2	24	55.0	28	83.5	58.3	70.9	32.8	14.0	25.2	0	1	30
April	0	1	2	9	6	0	1	0	11	19	0	0	2.2	2.7	88.0	3	52.3	11	77.9	60.1	69.0	26.9	4.5	17.8	4	8	18
May	0	1	1	13	6	0	0	0	10	21	0	0	2.0	2.0	80.6	16	56.8	13	73.3	60.5	66.9	19.3	6.9	12.8	8	9	14
June	0	0	1	16	3	0	1	0	9	21	0	0	1.8	3.6	74.8	2	52.5	13	70.0	57.7	63.9	19.1	5.4	12.3	1	13	16
July	0	0	0	16	1	0	0	0	14	17	0	0	2.0	3.8	73.4	25	50.4	18	69.1	55.9	62.5	20.8	6.3	13.2	3	3	25
August	0	0	2	14	4	0	0	0	11	20	0	0	2.0	4.9	76.1	12	49.5	28	71.8	55.6	64.7	25.7	8.4	16.2	2	5	24
September	0	0	2	18	1	0	0	0	8	21	0	0	2.2	5.8	80.6	18,21	48.9	6	74.9	54.8	64.9	30.1	11.0	20.2	5	1	23
October	0	0	1	19	0	0	0	0	11	20	0	0	2.5	8.9	85.3	28	48.4	22	81.0	55.7	68.3	34.4	17.5	25.3	0	1	30
November	1	1	2	11	1	3	0	0	11	19	0	0	2.2	5.8	86.9	26	51.8	22	81.5	57.0	69.3	30.4	6.0	24.5	0	3	27
December	3	0	4	9	4	1	1	2	7	23	1	0	2.7	4.3	85.6	4	54.1	8	79.3	59.7	69.5	29.3	9.7	19.6	4	0	27
Year	15	21	26	137	29	5	4	5	123	241	1	0	2.1	4.7	91.2	Feb. 16	48.4	Oct. 22	77.9	57.3	67.6	37.2	5.4	20.6	27	44	294

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBEYA METEOROLOGICAL STATION, 1948

Lat. : 8°56·8 Long. : 33°28'E Alt. : 5696 ft. Standard Time 3h 00m East. Ref. No. 98.33/01.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficiency		Relative Humidity		Total Cloud Amt.	Number of Occasions 8.30h of Cloud Amounts					Rainfall				Number of days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. fall in 24 hrs. ins.	Date	Rain	non rain
	ins.	ins.	°F.	°F.	°F.	°F.	ins.	ins.	ins.	ins.	%	%												
January	24.477	24.415	62.0	69.2	54.9	59.3	.484	.511	.077	.210	86	71	9.1	9.3	0	0	2	14	15	259.3	10.21	1.33	20	26	28
February	24.489	24.454	62.9	71.4	57.4	59.6	.475	.514	.104	.263	82	66	8.7	8.8	0	1	3	11	14	134.6	5.30	1.02	24	18	25
March	24.486	24.424	62.7	70.0	57.8	59.5	.484	.517	.092	.224	84	69	9.1	9.3	0	1	1	11	18	156.7	6.17	1.86	20	20	25
April	24.492	24.448	62.5	71.0	56.8	60.1	.467	.526	.103	.242	82	69	6.0	8.4	0	7	8	9	4	117.3	4.62	1.52	2	18	15
May	24.528	24.486	60.9	70.6	52.9	56.0	.419	.487	.121	.275	78	64	2.9	5.2	0	22	6	3	0	4.6	0.18	0.11	13	3	2
June	24.566	24.533	56.5	68.8	48.4	51.9	.343	.390	.118	.322	75	55	1.7	3.4	1	26	2	1	0	0.0	0.00	0.00	-	0	0
July	24.551	24.513	55.5	69.1	46.9	49.1	.325	.355	.121	.367	73	49	2.3	2.9	0	26	3	2	0	0.0	0.00	0.00	-	0	0
August	24.542	24.498	57.6	69.9	48.1	50.8	.340	.375	.141	.363	71	54	2.0	3.3	2	24	3	2	0	0.0	0.00	0.00	-	0	0
September	24.519	24.454	60.1	75.0	49.7	50.6	.360	.372	.166	.505	69	42	2.4	4.1	6	17	3	4	0	5.1	0.20	0.18	24	2	3
October	24.510	24.439	64.5	76.2	54.1	53.2	.422	.410	.192	.503	69	45	4.2	6.2	2	11	9	8	1	64.0	2.52	1.11	14	9	14
November	24.495	24.424	66.2	76.8	54.1	53.6	.425	.416	.225	.514	65	45	5.4	6.9	0	9	10	11	0	44.2	1.74	0.62	28	7	13
December	24.480	24.421	64.2	74.2	55.1	56.4	.440	.455	.165	.398	73	58	7.6	7.2	0	3	5	16	7	97.5	3.84	0.90	20	13	12
Year	24.511	24.459	61.3	71.8	53.3	55.1	.415	.444	.135	.349	75	57	5.1	6.2	11	147	55	92	59	883.3	37.78	1.86	Mar. 20	106	137

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Diff. Max. Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	°F.		°F.		°F.	°F.	°F.	°F.	°F.	°F.			
January	0	2	4	2	1	1	3	2	6	25	0	0	2.5	5.8	78.4	18	53.7	31	73.9	57.3	65.6	23.0	9.1	6.6	1	0	30
February	1	7	13	2	1	2	1	0	2	26	1	0	3.8	9.6	77.6	10	52.9	25	75.1	56.3	65.7	23.0	11.4	18.8	0	0	29
March	1	6	13	0	0	3	0	0	8	19	4	0	4.7	9.4	78.1	24	54.8	12	74.3	57.1	65.7	21.7	11.3	17.1	0	0	31
April	1	3	19	4	0	0	0	0	1	26	1	0	5.6	8.7	76.5	7	51.2	7,26	73.6	53.9	63.7	25.3	9.3	19.7	0	0	28
May	1	2	15	10	0	0	0	0	3	27	1	0	5.1	9.8	75.7	11	49.0	30	72.5	52.3	62.4	24.4	14.8	20.2	0	0	31
June	0	0	17	8	0	1	0	0	4	25	1	0	5.8	9.8	76.2	2	41.1	14	70.4	46.7	58.5	33.0	15.7	23.7	0	0	30
July	0	1	13	13	0	0	0	0	4	27	0	0	5.4	11.0	75.0	20	40.0	18	70.3	47.1	58.7	32.6	13.8	23.2	0	0	31
August	0	0	19	6	2	0	1	0	3	25	3	0	6.9	14.1	78.0	3	43.5	1	72.2	49.5	60.9	32.7	11.4	22.7	0	0	31
September	0	0	21	6	1	0	0	0	2	17	11	0	11.4	11.0	84.9	22	38.2	6	77.1	50.7	63.9	39.0	8.4	26.4	0	0	30
October	0	0	30	0	0	0	0	0	1	14	16	0	11.9	10.7	84.2	19	53.5	4,6	80.0	55.9	67.9	29.4	13.8	24.1	0	0	31
November	0	0	26	2	0	0	0	0	2	17	11	0	10.7	10.7	85.9	23	52.5	29	80.3	56.1	68.2	28.7	15.0	24.2	0	0	30
December	0	0	18	2	0	1	7	0	3	20	8	0	8.7	11.4	84.1	18	52.5	31	77.3	56.8	67.1	27.0	4.0	20.5	0	-	30
Year	4	21	218	55	5	8	12	2	39	268	57	0	6.9	10.2	85.9	Nov. 23	38.2	Sept. 6	74.7	53.3	64.0	39.0	4.0	21.4	1	1	362

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBULU, 1948

Lat.: 3°52'S Long.: 35°33'E Alt.: 5700 ft. Standard Time 3h 00m East. Ref. No. 93.35/01

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of		
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs.				
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	ms.	ins.	ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	63.8	75.7	58.0	57.6	.487	.478	.112	.420	82	55	5.7	6.4	2	7	9	8	5	110.0	4.33	1.77	5	11	3
February	-	-	63.1	77.3	57.8	55.1	.484	.440	.101	.508	83	47	6.7	5.4	2	3	8	9	7	22.9	0.90	0.46	24	6	1
March	-	-	63.4	76.4	58.5	56.1	.496	.455	.095	.463	84	49	7.8	6.2	1	1	7	13	9	115.8	4.56	1.20	10	15	1
April	-	-	61.2	72.4	58.4	58.3	.493	.495	.053	.310	90	61	9.6	6.9	0	0	1	7	22	114.8	4.52	1.16	20	18	2
May	-	-	59.4	69.0	56.6	58.4	.464	.495	.047	.222	91	69	9.5	6.7	0	0	1	7	23	44.2	1.74	0.40	14	12	0
June	-	-	56.1	66.4	52.9	53.6	.405	.416	.050	.240	89	64	9.1	5.8	1	0	2	6	21	3.8	0.15	0.06	21	4	0
July	-	-	54.9	65.6	51.3	51.6	.381	.387	.056	.251	87	61	9.5	6.5	0	1	1	3	26	1.3	0.05	0.03	26	2	0
August	-	-	55.0	68.4	50.4	50.2	.369	.366	.068	.337	85	52	9.6	5.3	0	0	1	4	26	0.0	0.00	0.00		0	0
September	-	-	56.7	71.7	52.9	53.1	.405	.408	.059	.378	86	52	9.1	4.8	1	1	0	7	21	0.0	0.00	0.00		0	1
October	-	-	60.0	76.1	53.4	51.2	.415	.381	.110	.529	79	42	7.7	4.9	0	2	7	12	10	60.7	2.39	2.07	15	3	0
November	-	-	62.1	75.4	57.0	54.8	.470	.434	.094	.455	84	49	8.6	5.4	0	1	4	12	13	32.3	1.27	0.34	5	9	0
December	-	-	63.0	74.2	57.4	57.0	.475	.470	.107	.386	82	55	8.2	6.4	0	2	5	6	17	92.4	3.64	0.80	11	13	0
Year	-	-	59.9	75.7	55.4	54.7	.445	.435	.0[illegible]	.375	85	55	8.4	5.9	7	9	46	94	200	598.2	23.55	2.07	Oct. 15	93	8

@ At stat on level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h.			Mean Wind Velocity		Extremes of Temperature of the Air.							Frequenxy of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	6	25	0	0	0	0	0	21	10	0	8.1	13.4	80.5	17	48.5	14	77.4	54.2	65.8	30.0	15.5	23.1	0	0	31
February	0	1	4	22	2	0	0	0	0	19	10	0	9.2	13.0	82.0	17	46.0	3	79.9	55.4	67.7	34.0	19.2	24.5	0	0	29
March	0	0	9	22	0	0	0	0	0	21	10	0	8.1	13.9	82.0	often	52.0	24	78.8	57.8	68.3	28.0	15.5	21.0	0	0	31
April	0	0	7	23	0	0	0	0	0	19	11	0	8.9	14.3	79.0	1	55.0	20,27	74.1	57.7	65.9	21.5	11.0	16.4	0	0	30
May	0	0	1	30	0	0	0	0	0	16	15	0	10.1	13.9	74.5	6,12	52.0	27	70.9	56.8	63.9	18.0	9.0	14.2	0	0	31
June	0	0	5	25	0	0	0	0	0	15	15	0	11.0	15.0	73.0	15	47.0	12,13	68.6	52.8	60.7	24.0	10.0	15.8	0	0	30
July	0	0	3	28	0	0	0	0	0	15	16	0	10.3	14.5	72.0	11,22	47.0	11	68.4	51.5	59.9	25.0	13.0	16.9	0	0	31
August	0	0	2	29	0	0	0	0	0	14	17	0	11.4	15.0	75.0	3	49.0	1,2	70.7	52.1	61.4	22.0	11.0	18.6	0	0	31
September	0	0	0	30	0	0	0	0	0	17	13	0	9.4	15.7	78.5	21	47.0	1,6	73.7	53.7	63.7	28.0	10.5	20.0	0	0	30
October	0	0	0	31	0	0	0	0	0	9	22	0	12.5	18.3	81.0	10	51.0	3	78.2	55.6	66.9	29.0	17.0	22.6	0	0	31
November	0	0	5	25	0	0	0	0	0	13	17	0	10.7	15.0	82.5	26	53.0	18	78.4	57.8	68.1	25.0	15.5	20.6	0	0	30
December	0	0	2	24	0	0	5	0	0	21	10	0	7.6	15.1	81.5	3	50.0	26	76.6	57.9	67.3	29.0	12.0	18.7	0	2	29
Year	0	1	44	314	2	0	5	0	0	200	166	0	9.8	14.8	82.5	Nov. 26	46.0	Feb. 3	74.6	55.5	65.0	34.0	9.0	19.4	0	2	364

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOROGORO, 1948

Lat.: 6°57'S Long.: 37°40'E Alt.: 1900 ft. Standard Time 3h 00m East. Ref. No. 96.37/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	--	--	74.9	86.7	70.5	73.7	.755	.839	.121	.446	86	65	7.1	5.9	0	7	5	11	8	100.8	3.97	2.41	20	9	19
February	--	--	74.9	89.3	70.8	71.4	.762	.777	.112	.614	87	56	7.0	5.9	0	4	10	9	6	31.7	1.25	0.96	20	6	13
March	--	--	75.5	86.3	71.6	72.7	.783	.812	.109	.455	88	64	7.3	6.9	0	2	12	13	4	202.7	7.98	3.10	16	17	26
April	--	--	75.3	82.4	71.2	72.3	.771	.803	.056	.316	93	72	7.5	8.7	0	0	13	9	8	147.6	5.81	0.76	21	23	12
May	--	--	71.5	81.8	69.7	71.8	.735	.791	.045	.305	94	72	8.1	8.4	0	1	8	10	12	68.1	2.68	0.69	6	24	2
June	--	--	66.7	80.2	64.0	64.7	.602	.617	.059	.425	91	59	6.8	7.3	0	8	11	7	4	22.9	0.90	0.28	20	9	0
July	--	--	65.4	79.6	62.8	62.3	.579	.570	.053	.452	92	56	6.2	7.3	0	3	17	7	4	22.6	0.89	0.56	1	5	0
August	--	--	67.1	80.3	63.1	61.2	.582	.546	.088	.499	87	52	7.2	8.1	0	0	15	9	7	3.0	0.12	0.08	7	1	0
September	--	--	68.6	85.1	63.5	61.2	.595	.546	.145	.620	89	47	5.9	6.7	0	3	17	9	1	17.0	0.67	0.35	30	5	0
October	--	--	72.0	85.7	67.6	65.2	.682	.629	.112	.614	86	51	7.0	6.3	0	1	16	8	6	64.5	2.54	0.79	12	14	2
November	--	--	73.7	86.4	68.8	67.6	.712	.682	.127	.591	85	54	6.9	5.7	0	0	17	10	3	44.8	1.73	0.67	11	9	8
December	--	--	75.4	86.8	69.4	68.6	.726	.709	.163	.579	82	55	7.3	7.0	0	2	13	7	9	138.4	5.45	2.56	2	14	12
Year			71.6	84.1	67.7	67.7	.690	.693	.097	.495	88	59	7.0	7.0	0	31	154	109	72	865.7	34.01	3.10	Mar 16	134	86

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30h		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-6	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. Range	Min. Range	Mean	Fog	Mist	Cloud
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	0	18	1	0	0	0	0	0	12	19	0	0	2.7	4.0	92.0	25	60.0	18	88.6	69.3	29.1	25.2	19.3	0	1	16
February	0	9	1	1	0	0	0	0	16	11	0	0	1.6	5.8	94.0	28	64.0	17	91.5	68.7	30.1	29.0	22.8	0	0	14
March	0	8	2	2	0	0	0	2	17	14	0	0	2.0	4.5	95.0	5,16	66.0	4	89.1	69.3	29.2	24.0	19.8	0	1	17
April	1	0	0	0	0	1	0	2	26	4	0	0	0.2	2.0	89.0	6	65.0	13,25	85.8	68.1	26.7	22.3	4.8	0	3	27
May	0	0	0	1	0	2	0	2	26	5	0	0	0.2	1.6	88.0	5	60.8	31	83.6	67.1	25.5	22.7	9.0	0	2	29
June	2	5	1	2	0	0	1	3	18	12	0	0	1.1	2.2	85.0	often	54.7	30	82.1	61.9	22.6	28.8	8.9	26.1	1	0	29
July	1	0	0	0	0	0	1	3	26	5	0	0	0.4	3.1	88.0	10	52.0	8	81.7	59.5	26.6	31.0	13.0	22.2	0	2	29
August	0	0	0	1	0	2	1	2	25	6	0	0	0.4	3.8	87.0	14	55.0	6	82.8	62.2	22.5	29.0	14.5	20.7	0	1	30
September	0	1	0	0	0	3	0	1	25	5	0	0	0.2	5.8	90.4	18	51.2	5	85.5	60.5	25.1	33.8	18.2	24.3	0	4	30
October	0	0	0	1	0	4	2	1	23	8	0	0	0.4	6.9	91.0	25	60.0	6	87.3	65.6	26.5	28.0	8.3	21.7	0	1	26
November	0	10	0	1	0	1	0	0	18	12	0	0	1.1	8.3	91.0	22,26	62.9	7	87.6	67.0	27.3	26.3	10.4	20.6	0	3	30
December	0	9	0	0	0	7	0	1	14	15	2	0	2.7	5.6	95.8	26	62.9	10	90.0	69.0	29.5	27.9	13.8	21.1	0	1	30
Year	4	58	5	9	0	20	5	17	248	116	2	0	1.1	4.5	95.8	Dec. 26	51.2	Sept. 5	86.3	65.7	76.0	33.8	4.0	20.6	0	16	350

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOSHI METEOROLOGICAL STATION, 1948.

Lat.: 3°21'S Long.: 37°20'E Alt.: 2668 ft. Standard Time 3h 00m East. Ref. No. 93.37/04

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb h 8.30	Dry Bulb h 14.30	Dew Point h 8.30	Dew Point h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs. ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	27.209	27.067	73.4	90.5	61.7	59.0	.555	.505	.275	.942	67	35	4.6	5.6	0	16	2	13	0	0.0	0.00	0.00	-	0	12
February	27.238	27.088	73.4	92.3	62.1	58.2	.561	.490	.269	1.040	68	32	3.9	4.6	1	14	6	8	0	2.0	0.08	0.07	26	2	7
March	27.221	27.088	73.0	87.7	64.4	61.2	.611	.546	.210	.777	75	41	4.6	5.6	0	14	8	8	1	112.0	4.41	3.42	8	5	14
April	27.241	27.099	70.9	83.6	66.3	64.8	.653	.620	.112	.544	86	53	8.9	6.3	0	0	1	26	3	196.3	7.73	1.54	16	15	4
May	27.292	27.205	69.4	78.8	65.2	66.1	.626	.647	.100	.348	87	65	9.0	7.5	0	0	1	24	6	153.7	6.05	1.46	1	19	0
June	27.365	27.274	66.2	76.1	61.5	62.1	.552	.564	.098	.346	85	62	8.8	7.3	0	0	2	24	4	20.3	0.80	0.18	27	9	0
July	27.360	27.274	64.8	75.0	60.2	59.3	.526	.508	.094	.369	85	58	8.9	7.5	0	1	1	20	9	8.4	0.33	0.14	1	6	0
August	27.357	27.253	65.7	78.6	59.2	57.2	.508	.473	.133	.513	80	48	8.6	7.5	0	2	0	24	5	9.4	0.37	0.29	7	4	0
September	27.327	27.203	67.2	81.4	59.1	56.8	.508	.467	.165	.614	75	43	8.5	6.5	0	1	1	20	8	0.5	0.02	0.02	3	1	0
October	27.295	27.153	71.6	88.0	62.1	56.9	.564	.470	.222	.868	72	35	7.7	5.1	0	3	3	24	1	24.9	0.98	0.88	3	4	3
November	27.268	27.126	73.0	88.8	62.7	58.3	.576	.493	.245	.880	70	36	7.4	6.3	0	4	5	20	1	4.1	0.16	0.07	5	5	4
December	27.247	27.135	72.2	83.9	64.6	62.8	.614	.579	.186	.596	77	50	8.1	7.8	0	1	5	21	4	126.7	4.99	1.47	13	12	6
Year	27.285	27.166	70.1	83.7	62.4	60.2	.571	.530	.176	.653	77	47	7.4	6.5	1	56	35	232	42	658.3	25.84	3.42	Mar. 8	82	50

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	2	1	0	3	8	3	10	4	0	31	0	0	3.6	7.4	98.1	31	55.5	9	93.2	60.5	76.9	38.8	20.6	32.7	0	0	31
February	3	0	10	2	6	2	4	2	0	28	1	0	4.5	10.3	97.6	2	56.1	15	95.0	61.4	78.2	41.4	26.1	33.6	0	0	29
March	6	1	1	3	5	4	10	1	0	31	0	0	3.6	9.8	95.0	7,28	57.2	24	91.2	62.7	76.9	37.6	19.2	28.5	0	0	31
April	1	1	5	11	6	4	1	1	0	30	0	0	3.8	5.6	92.7	1	58.4	7	85.3	64.4	74.9	28.7	8 5	20.9	0	0	30
May	7	3	5	10	1	2	1	2	0	31	0	0	3.6	4.3	85.3	12	60.8	23	81.1	64.0	72.5	21.1	11.6	17.1	1	2	28
June	4	1	8	9	3	1	0	4	0	30	0	0	3.4	4.9	83.1	1	-	-	77.7	-	-	-	-	-	0	0	30
July	1	4	7	5	3	2	1	8	0	31	0	0	3.4	4.7	81.7	25	-	-	77.3	-	-	-	-	-	0	0	31
August	2	2	11	6	3	1	1	5	0	31	0	0	3.4	6.0	83.5	often	53,0	28	80.5	60.6	70.5	30.1	9.6	20.0	0	0	31
September	1	2	4	8	10	3	2	0	0	30	0	0	4.7	7.4	92.8	18	51.5	6	83.4	61.2	72.3	32.5	12.0	22.3	0	0	30
October	0	1	8	12	6	2	1	1	0	30	1	0	5.6	10.7	94.0	28	54.2	6	89.7	63.1	76.4	35.0	20.0	26.6	0	0	31
November	0	1	8	8	4	3	3	2	1	29	0	0	5.1	11.4	95.2	26	59.5	22	90.9	64.6	77.7	31.2	16.0	26.3	0	0	30
December	2	2	5	8	4	1	8	1	0	29	2	0	5.1	7.8	95.5	3	60.5	21	86.7	65.8	76.3	33.8	5.1	20.9	0	0	31
Year	29	19	72	85	59	28	42	31	1	361	4	0	4.1	7.5	98.1	Jan. 31	-	-	86.0	-	-	-	-	-	1	2	363

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MPWAPWA, 1948

Lat.: 6°20'S Long.: 36°30'E Alt.: 3700 ft Standard Time 3h 00m East. Ref. No. 96.36/00

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h	0	1-3	4-6	7-9	10	Total		Max Fall in 24hrs.		Rain	Thunder
			8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30						mm	ins	ins	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January			69.1	76.6	63.6	65.8	.597	.599	.121	.325	83	65	4.3	3.8	5	8	11	7	4	173.5	6.83	2.15	20	14	0
February			69.5	77.8	63.4	64.4	.594	.611	.135	.352	81	64	3.5	4.1	11	4	6	7	1	42.2	1.66	0.52	3	8	0
March			69.4	78.3	62.7	64.0	.576	.602	.150	.375	80	62	6.0	4.5	0	3	16	12	0	122.7	4.83	1.50	17	15	0
April			69.1	77.5	62.3	63.4	.567	.591	.151	.363	79	62	5.4	4.6	2	5	13	10	0	90.7	3.57	1.28	7	8	1
May			68.2	76.0	60.6	61.4	.535	.549	.162	.358	77	60	8.0	6.2	0	0	6	19	6	9.7	0.38	0.20	15	2	0
June			64.3	75.6	56.3	54.1	.458	.422	.150	.473	75	47	7.2	6.3	1	2	9	9	9	7.1	0.28	0.1	20	3	0
July			66.2	74.2	54.8	55.3	.434	.443	.216	.413	67	52	7.0	6.3	1	1	9	14	6	0.0	0.00	0.00		0	0
August			66.1	74.5	54.	56.6	.434	.464	.216	.398	67	54	7.8	6.1	0	1	7	16	7	0.0	0.00	0.00		0	0
September			66.7	75.8	55.7	57.4	.449	.475	.212	.426	68	53	6.8	5.8	0	0	15	9	6	0.0	0.00	0.00		0	0
October			69.5	75.5	58.6	60.6	.499	.535	.230	.357	68	60	6.1	5.6	0	4	15	10	2	3.8	0.15	0.06	12	2	0
November			70.7	80.9	61.5	60.0	.552		.207	.540	73	49	5.5	6.8	3	2	13	10	2	45.7	1.80	1.32	26	1	0
December			69.4	80.1	60.8	58.3	.537	.493	.189	.567	74	47	7.3	7.9	1	4	6	4	16	81.3	3.20	1.10	24	13	0
Year			67.1	76.9	59.6	59.9	.519	.525	.178	.412	74	56	6.2	5.7	24	34	126	125	59	576.7	22.70	2.15	Apr. 20	82	

@ Mean station levels corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air				Mean Max.	Mean Min.	Mean Max. & Min.	Range			Frequency of Visibility at 8.30h		
	N	NE	E	SE	S	SW	W	NW		1-3	4-6	7-9	h 8.30	h 14.30	Max.	Date	Min.	Date				Max	Min	Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	2	5	6	0	6	5	6	1	0	31	0	0	2.2	2.0	88.7	4	59.0	often	83.2	61.5	72.5	29.9	12.6	21.3	0	0	
February	4	4	4	1	5	4	5	2	0	29	0	0	2.2	2.2	86.9	21,26	57.2	often	84.5	61.0	72.7	28.8	18.9	23.5	0	0	29
March	1	6	5	5	2	6	3	3	0	31	0	0	2.0	2.0	86.9	28	57.2	4	83.	61.8	72.1	27.9	15.2	21.9	0	0	31
April	3	2	7	14	4	0	0	0	0	30	0	0	2.5	2.0	85.1	19	50.0	3	79.	62.0	70.9	28.6	8.1	17.7	0	0	30
May	0	11	11	7	2	0	0	0	0	31	0	0	2.9	4.0	83.3	25	61.1	17,27	79.0	64.3	71.1	20.2	8.8	14.7	0	0	31
June	0	11	14	3	0	0	0	1	1	29	0	0	3.6	4.0	80.4	11	52.2	17	77.3	60.3	68.8	28.2	9.9	17.0	0	0	30
July	0	15	9	7	0	0	0	0	0	31	0	0	4.0	3.6	82.8	26	55.8	9	79.0	59.4	69.2	23.4	14.0	19.5	0	0	31
August	1	10	12	8	0	0	0	0	0	31	0	0	4.0	4.3	81.5	often	50.9	3	79.8	56.9	68.3	29.7	16.9	22.9	0	0	31
September	0	6	9	10	4	0	1	0	0	30	0	0	3.8	3.8	87.4	25	55.4	often	82.7	56.9	69.8	32.0	21.6	25.8	0	0	30
October	0	7	6	9	5	3	0	1	0	31	0	0	2.2	3.4	88.7	23	55.0	13	86.5	58.3	72.4	31.7	20.9	28.2	0	0	31
November	0	2	6	8	4	4	5	1	0	30	0	0	2.0	4.5	94.1	25	5.0	1	87.3	59.2	73.3	36.9	21.5	28.1	0	0	30
December	2	2	2	6	7	3	5	4	0	31	0	0	2.0	3.6	91.0	4	56.8	10	84.5	61.6	73.1	32.4	8.6	22.9	0	0	31
Year	13	81	91	78	39	25	25	13	1	365	0	0	2.8	3.3	94.1	Nov. 25	50.0	Apr. 3	82.3	60.3	71.3	36.9	8.1	22.0	0	0	366

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MUSOMA, 1948.

Lat.: 1°30'S Long.: 33°48'E Alt.: 3764 ft. Standard Time 3h 00m East. Ref. No. 91.33/00.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	26.196	26.122	70.3	79.1	63.4	64.7	.588	.617	.159	.387	79	61	6.3	6.3	0	4	11	12	4	119.9	4.72	2.49	18	3	4
February	26.172	26.119	71.3	80.4	62.4	65.2	.570	.626	.204	.422	74	60	6.1	5.2	0	2	17	6	4	50.3	1.98	0.75	4	7	0
March	26.205	26.131	70.4	79.5	63.8	65.1	.597	.626	.156	.393	80	61	6.4	6.7	2	3	8	9	7	102.1	4.02	1.35	6	11	1
April	26.175	26.110	70 9	81.6	64.0	65.8	.602	.641	.163	.449	79	59	5.4	4.8	0	7	11	8	2	178.8	7.04	2.52	18	11	1
May	26.234	26.152	69.9	79.7	64.1	66.1	.602	.647	.136	.378	82	63	7.2	6.7	0	0	10	19	1	172.7	6.80	2.17	28	17	0
June	26.264	26.211	68.2	78.3	61.7	62.6	.555	.573	.142	.437	80	57	7.1	7.6	0	1	12	10	7	47.2	1.86	0.66	27	12	0
July	26.249	26.193	67.7	79 0	59.2	62.1	.508	.564	.177	.437	74	56	7.7	7.1	0	1	8	11	11	1.3	0.05	0.03	13	2	0
August	26.237	26.184	68.2	79.6	58.2	61.6	.490	.552	.207	.473	70	54	7.2	6.6	0	0	9	14	4	18.0	0.71	0.45	2	2	0
September	26.223	26.155	70.1	80.1	61.1	63.6	.543	.594	.201	.443	73	57	7.4	6.6	0	1	11	7	8	24.1	0.95	0.56	24	4	0
October	26.217	26.134	71.5	81.2	61.9	63.7	.561	.597	.219	.478	72	55	7.1	7.4	0	0	12	10	6	46.5	1.83	0.95	19	7	1
November	26.211	26.116	71.8	80.1	61.5	64.3	.552	.608	.236	.429	70	59	6.0	7.1	0	0	22	6	2	54.6	2.15	0.95	14	7	1
December	26.211	26.116	70.4	79.2	61.6	63.6	.555	.594	.195	.413	74	59	5.9	6.8	3	2	10	12	3	34.3	1.35	0.63	14	8	6
Year	26.216	26.145	70.1	79.9	61.9	64.0	.560	.603	.183	.428	75	58	6.7	6.6	5	21	141	124	59	849.8	33.46	2.52	Apr 18	91	14

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Min.	Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	2	0	27	0	0	0	0	2	29	0	0	4.3	13.2	89.2	18	62.1	25	81.9	65.9	73.9	23.0	10.1	16.0	0	25	6
February	0	1	0	27	0	0	0	0	1	27	1	0	5.4	13.2	90.3	15	63.2	6	83.5	66.9	75.2	23.1	9.9	16.6	0	29	0
March	0	1	0	27	0	0	0	0	1	28	0	0	4.3	11.2	88.4	3	63.2	13	82.7	66.1	74.4	23.9	10.3	16.6	0	29	0
April	0	0	3	3	1	0	8	10	3	25	0	0	5.1	9.4	94.0	8	59.9	29	84.3	65.8	75.1	27.9	11.2	18.4	0	9	19
May	4	1	0	1	0	1	4	19	0	27	3	0	6.9	8.7	85.8	2	62.9	5	82.1	65.1	73.6	21.1	12.0	16.8	0	6	24
June	0	0	0	30	0	0	0	0	0	30	0	0	4.7	6.3	84.1	21	60.3	24	80.6	64 1	72.3	22.2	9.9	16.6	0	5	25
July	0	1	0	29	0	0	0	0	1	30	0	0	6.3	8.9	85.0	26	60.2	20	81.1	63.7	72.4	23.0	7.0	17.4	0	8	23
August	0	1	0	26	0	0	0	0	0	26	1	0	6.9	9.8	89.0	11	61.0	19	82.3	63.7	73.0	27.0	13.7	18.6	0	1	26
September	0	2	0	25	0	0	0	0	0	26	1	0	5.1	10.1	87.3	29	61.0	5	82.3	65.2	73.7	23.0	7.9	17.0	0	1	26
October	0	4	0	23	0	1	0	0	0	28	0	0	5.1	11.0	92.0	3	63.1	25	84.3	65.0	74.7	27.0	12.0	19.2	0	1	27
November	0	3	0	26	0	0	0	0	1	28	1	0	6.0	13.4	90.3	2	63.2	1,3,8	83.3	65.1	74.2	25.3	11.9	18.2	0	1	29
December	0	1	0	26	0	0	0	0	3	27	0	0	3.4	11.0	91.0	8	63.2	2	82.8	65.5	74.1	23.9	11.9	17.3	0	11	19
Year	4	17	3	270	1	2	12	29	12	331	7	0	5.3	10.5	94.0	Apr. 8	59.9	Apr. 29	82.6	65.2	73.9	27.9	7.0	17.4	0	126	224

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MWANZA, 1948.

Lat.: 2°31'S Long.: 32°54'E Alt.: 3709 ft. Standard Time 3h 00m East. Ref. No. 92,32,00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of		
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24 hrs. ins.	Date	Rain	Thunder
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%														
January	-	-	70.6	77.8	65.4	65.1	.542	.626	.124	.337	83	65	3.5	3.1	8	1	22	0	0	57.4	2.26	0.41	16	9	0
February	-	-	71.2	82.	64.7	62.0	.617	.561	.154	.546	80	51	2.5	2.0	12	3	14	0	0	47.0	1.85	0.57	6	8	0
March	-	-	70.3	81.1	64.3	64.8	.608	.617	.139	.452	81	58	3.8	3.3	8	1	22	0	0	128.3	5.05	2.07	6	13	0
April	-	-	70.8	81.2	64.5	65.0	.611	.623	.151	.452	81	58	3.7	4.2	7	0	23	0	0	162.1	6.38	2.45	18	13	0
May	-	-	70.6	81.3	63.8	64.9	.599	.623	.157	.455	79	58	3.4	4.5	8	0	23	0	0	96.8	3.81	1.10	8	15	0
June	-	-	69.1	81.3	61.4	65.5	.549	.594	.169	.484	76	55	2.5	3.3	14	0	16	0	0	8.9	0.35	0.25	16	3	0
July	-	-	68.6	82.0	54.9	58.3	.437	.493	.269	.611	62	45	1.7	2.4	19	0	12	0	0	5.3	0.21	0.21	13	1	0
August	-	-	70.6	82.8	66.3	-	.653	-	.103	-	86	-	1.4	1.7	21	0	10	0	0	36.8	1.45	1.45	4	4	0
September	-	-	72.4	80.2	62.8	63.1	.579	.585	.224	.454	72	56	3.0	3.1	11	0	19	0	0	13.7	0.54	0.54	17	1	0
October	-	-	73.6	81.1	64.5	64.4	.614	.611	.222	.461	73	57	2.5	2.3	15	0	16	0	0	72.1	2.84	1.08	14	10	0
November	-	-	74.4	82.2	64.1	65.0	605	.626	.254	.484	71	56	3.1	3.2	8	0	22	0	0	12.4	0.49	0.14	19	7	0
December	-	-	73.6	79.5	64.5	68.0	.614	.691	.169	.340	79	67	3.2	4.0	9	0	22	0	0	79.5	3.13	0.58	21	8	0
Year	-	-	71.1	81.1	63.4	-	.593	-	.178	-	77	-	2.9	3.1	140	5	221	0	0	720.3	28.36	2.45	April 18	89	0

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the A				Mean Max.	Mean Min.	Mean Max. - Mean Min.	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	7	h 8.30	h 14.30	Max.	Date	Min.	Date							Hazy	Mist	Good Vis
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	3	0	3	1	12	8	3	1	0	31	0	0	5.4	5.4	81.8	14,16	53.6	24	81.9	60.0	20.9	30.6	14.4	21.9	0	0	3
February	0	1	7	4	11	4	1	1	0	28	1	0	6.0	5.4	91.4	17,20	57.2	28	84.3	61.4	22.9	30.6	14.4	22.9	0	0	25
March	2	1	1	9	10	6	2	0	0	31	0	0	5.4	5.4	91.4	3	57.2	often	83.5	60.5	22.0	30.6	12.6	23.0	0	0	31
April	3	0	3	5	9	8	0	2	0	30	0	0	5.4	5.4	87.8	often	57.2	11,19	83.0	60.9	21.9	27.0	12.6	22.1	0	0	30
May	4	1	4	4	1	3	3	.	0	31	0	0	5.4	5.4	87.8	2	59.0	often	82.9	60.9	21.9	27.0	18.0	22.0	0	0	31
June	1	0	2	10	5	1	3	0	0	30	0	0	5.4	5.4	86.0	20,23	53.6	12	82.5	58.9	20.7	28.8	14.4	23.6	0	0	30
July	3	1	5	5	9	3	3	2	0	31	0	0	5.4	5.4	87.8	20	53.6	31	83.6	58.9	21.3	30.6	10.8	24.7	0	0	31
August	3	1	6	1	12	6	1	1	0	31	0	0	5.4	5.4	89.6	26,27	55.4	14	84.3	60.3	23.3	28.8	16.2	24.0	0	0	31
September	0	2	5	5	10	3	4	1	0	30	0	0	5.4	5.4	87.8	30	57.2	6	82.8	61.4	21.4	27.0	14.4	21.4	0	0	30
October	4	2	3	5	4	7	2	2	0	31	0	0	5.4	5.4	89.6	2,3	59.0	often	83.6	61.6	22.0	30.6	12.6	24.0	0	0	31
November	3	2	4	7	6	4	3	1	0	30	0	0	5.4	5.4	87.8	29,30	59.0	20,30	83.	63.0	20.8	28.8	12.6	20.	0	0	30
December	5	2	5	3	12	3	0	0	0	31	0	0	5.4	5.4	89.6	5,7,9	57.2	25	82.4	62.0	20.2	27.0	12.6	20.5	0	0	31
Year	32	15	50	59	111	62	27	12	0	365	-	0	5.5	5.4	91.4	1	53.6	4	83.2	60.8	22.0	30.6	10.8	22.6	0	0	366

1 February 17, 28 and March 3 4 January 24, June 12 and July 31.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SAO-HILL, 1948.

Lat.: 8°20'S Long.: 35°12'E Alt.: 6500 ft. Standard Time 3h 00m East. Ref. No. 98.35/08

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	60.6	65.9	57.4	58.0	.475	.487	.060	.157	89	76	8.6	8.9	0	0	5	13	13	189.5	7.46	1.75	24	19	17
February	-	-	60.1	68.1	57.3	56.7	.475	.464	.051	.230	91	67	7.6	8.2	0	4	3	16	6	150.4	5.92	1.46	6	17	18
March	-	-	59.7	64.9	57.3	58.0	.475	.487	.042	.136	92	79	8.9	9.0	0	0	2	17	12	173.2	6.82	0.91	17	26	17
April	-	-	58.1	67.4	56.5	56.3	.461	.458	.026	.221	94	68	8.9	7.5	0	0	1	23	6	31.7	1.25	0.40	11	13	1
May	-	-	56.4	66.5	53.9	52.9	.419	.405	.039	.251	91	62	7.5	6.6	0	4	2	21	4	9.7	0.38	0.35	19	3	0
June	-	-	51.9	64.6	48.7	47.0	.346	.325	.044	.292	89	53	5.9	4.4	1	9	2	13	5	0.5	0.02	0.02	23	1	0
July	-	-	50.6	63.3	47.6	45.0	.334	.301	.038	.290	90	51	5.4	5.0	4	8	3	12	4	0.3	0.01	0.01	19	1	0
August	-	-	51.8	64.0	48.8	47.2	.348	.328	.042	.274	90	55	7.3	5.0	0	4	5	14	8	0.0	0.00	0.00	-	0	0
September	-	-	54.5	69.2	48.9	46.5	.348	.319	.083	.402	81	44	5.0	4.8	4	9	4	8	5	0.0	0.00	0.00	-	0	0
October	-	-	60.0	72.6	52.6	49.0	.402	.351	.121	.458	77	44	5.4	6.1	0	12	6	11	2	9.1	0.36	0.34	14	2	5
November	-	-	61.7	72.2	52.7	49.9	.402	.363	.153	.434	72	46	6.3	6.7	0	6	8	14	2	61.5	2.42	2.01	25	7	8
December	-	-	60.7	70.2	54.8	52.3	.434	.396	.103	.351	81	53	8.0	7.6	0	2	6	8	10	86.9	3.42	1.93	23	16	2
Year	-	-	57.2	67.4	53.0	51.6	.410	.390	.067	.291	86	58	7.1	6.7	9	58	47	170	77	712.8	28.06	2.01	Nov. 25	105	70

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max & Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	5	4	3	11	1	1	3	3	0	31	0	0	4.3	4.5	75.0	17	51.5	18	70.4	54.4	62.4	22.0	7.9	16.0	1	0	30
February	1	2	5	17	0	1	2	1	0	28	1	0	6.9	5.4	78.2	14	50.6	2	72.9	53.7	63.3	25.7	12.0	19.2	2	0	27
March	1	3	7	16	0	2	2	0	0	31	0	0	5.1	5.1	75.8	4	52.0	1,23	71.2	54.3	62.7	21.8	11.3	16.9	1	0	30
April	0	0	3	26	1	0	0	0	0	13	17	0	13.6	9.2	72.1	1	49.0	23	69.7	53.2	61.5	21.0	13.3	16.6	2	0	28
May	0	0	0	31	0	0	0	0	0	11	20	0	15.2	9.4	72.0	7	47.0	31	69.1	50.7	59.9	22.4	14.3	18.6	0	0	31
June	0	0	1	28	1	0	0	0	0	9	21	0	15.9	10.3	73.0	15,16	40.0	12,21	66.9	45.5	56.2	30.0	14.0	21.5	0	1	29
July	0	0	0	30	1	0	0	0	0	7	24	0	15.7	12.1	71.4	16	41.0	7	65.6	44.4	55.0	29.4	15.4	21.2	0	1	30
August	0	0	1	29	1	0	0	0	0	9	22	0	18.6	13.4	74.0	3	43.0	1,30	66.8	46.5	56.7	26.3	13.5	20.3	1	1	23
September	0	0	4	25	1	0	0	0	0	18	12	0	14.5	10.7	81.1	22	39.5	6	72.1	46.7	59.4	34.1	18.0	25.5	0	4	26
October	0	0	13	17	1	0	0	0	0	17	14	0	13.0	10.5	80.3	13	51.0	5,6,7	75.9	53.2	64.5	28.7	14.0	22.7	0	0	31
November	0	2	5	23	0	0	0	0	0	14	16	0	13.0	11.0	83.0	25	51.2	7	76.3	53.7	65.0	30.0	11.0	22.6	0	0	30
December	1	0	7	10	0	0	3	5	0	21	5	0	9.1	7.8	81.3	4	51.5	12	74.1	55.2	64.7	26.3	8.8	18.6	0	1	25
Year	8	11	49	265	7	4	10	9	0	209	152	0	12.0	9.1	83.0	Nov. 25	39.5	Sept. 6	70.9	50.9	60.9	34.1	7.9	20.0	7	14	340

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SONGEA, 1948.

Lat.: 10°41'S Long.: 35°40'E Alt.: 3700 ft. Standard Time 3h 00m East. Ref. No. 100.35/00

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions 8.30h of Cloud Amounts					Rainfall				Number of days of	
			Dry Bulb		Dew Point															Total		Max Fall in 24 hrs			hum der.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mms.	ins.	ins.	Rain	
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%												
January	26.255	26.172	68.1	77.1	65.4	65.8	.632	.641	.062	.301	91	68	9.7	9.2	0	0	0	7	24	545.1	21.46	3.10	30	28	19
February	26.288	26.202	68.9	76.9	65.0	65.5	.623	.635	.092	.298	87	68	9.5	9.0	0	0	1	9	19	252.5	9.94	2.18	28	20	19
March	26.282	26.188	68.4	77.5	64.7	64.7	.617	.617	.083	.337	88	65	9.3	9.0	0	0	2	11	18	164.1	6.46	1.22	29	15	2
April	26.312	26.240	67.7	75.8	64.0	63.7	.602	.597	.083	.304	88	66	8.7	8.5	0	1	5	10	14	109.7	4.32	0.91	1	6	6
May	26.367	26.305	66.1	74.3	59.	58.9	.517	.502	.130	.354	80	59	6.4	8.1	1	5	9	13	3	1.8	0.0	0.03	1	3	0
June	26.432	26.373	62.1	71.3	55.4	52.5	.410	.399	.154	.378	73	52	6.5	7.5	0	9	4	11	6	0.0	0.00	0.00		0	0
July	26.417	26.358	60.9	70.3	52.2	50.6	.396	.372	.144	.375	74	50	6.0	8.0	3	2	9	14	3	0.3	0.01	0.01	2	1	0
August	26.406	26.344	61.7	72.0	53.1	51.6	.408	.387	.147	.407	74	49	6.3	7.7	1	5	11	6	8	0.0	0.00	0.00		0	0
September	26.376	26.291	63.6	78.0	54.6	51.1	.431	.378	.163	.529	73	42	5.4	7.1	2	6	12	6	4	1.5	0.06	0.06	24	1	0
October	26.344	26.252	68.7	81.1	59.4	55.4	.511	.443	.198	.629	72	41	6.8	7.4	0	5	7	13	6	1.3	0.05	0.05	28	1	2
November	26.317	26.226	70.4	82.2	60.9	56.0	.540	.455	.210	.655	72	41	8.2	7.2	0	2	3	18	7	29.0	1.14	0.7	26	3	5
December	26.276	26.199	69.0	80.3	62.6	59.8	.573	.520	.145	.525	80	50	8.8	8.3	0	1	1	17	12	144.3	5.68	2.82	5	13	9
Year	26.339	26.262	65.2	76.3	58.	58.0	.522	.495	.134	.424	79	54	7.6	8.1	7	36	64	135	124	1249.6	49.19	3.10	Jan. 30	101	81

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	1	9	3	5	0	2	2	9	0	31	0	0	3.8	4.5	83.7	15	61.0	27	78.9	64.4	71.7	19.1	6.0	14.5	0	1	30
February	2	15	0	4	1	3	0	4	0	29	0	0	4.0	4.5	83.4	8,14	62.0	14	79.8	64.2	72.0	21.4	8.7	15.6	0	1	28
March	0	14	0	5	0	4	0	8	0	31	0	0	3.4	4.0	83.5	14	60.3	23	79.8	64.2	72.0	20.4	10.6	15.6	0	0	31
April	0	9	0	21	0	0	0	0	0	30	0	0	5.1	6.0	81.3	1	53.2	4	77.4	63.1	70.3	24.8	8.6	14.2	0	2	28
May	0	3	0	21	0	3	1	3	0	31	0	0	4.5	4.9	80.0	6,11	53.0	31	76.0	59.3	67.7	21.6	13.0	16.7	0	0	31
June	0	2	1	25	0	1	0	1	0	27	3	0	6.7	6.0	77.1	17	49.0	16	73.0	56.0	64.5	27.0	9.3	17.0	0	0	30
July	1	3	3	20	0	0	0	4	0	30	1	0	5.8	5.4	76.5	22	50.0	16	72.5	54.7	63.6	24.2	11.6	17.8	0	2	29
August	0	11	0	19	0	0	0	1	0	28	3	0	7.4	6.9	80.1	12	52.1	19	73.9	56.8	65.3	22.0	9.4	17.1	0	2	29
September	0	17	2	11	0	0	0	0	0	28	2	0	6.7	5.6	83.4	21	48.5	6	78.2	57.6	67.9	28.0	10.9	20.6	0	1	29
October	0	29	0	1	0	0	0	1	0	30	1	0	7.2	6.9	87.3	19	60.0	3	83.3	63.4	73.3	24.7	8.6	19.9	0	0	31
November	1	24	2	2	0	0	0	1	0	30	0	0	5.6	6.5	88.9	25	62.0	2,7,8	84.8	64.7	74.7	25.2	7.9	20.1	0	0	30
December	0	19	0	3	1	5	0	3	0	31	0	0	4.3	5.1	88.2	2	59.5	30	82.1	64.4	73.3	25.4	11.1	17.7	0	0	31
Year	5	155	11	137	2	18	3	35	0	356	10	0	5.4	5.5	88.9	Nov. 25	48.5	Sept. 6	78.3	65.2	69.7	28.0	6.0	17.2	0	9	357

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TABORA OBSERVATORY, 1948.

Lat.: 5°02'S Long.: 32°49'E Alt.: 4151 ft. Standard Time 3h 00m East. Ref. No. 95.32/00.

Month	Atmospheric Pressure @ 8.30h	Atmospheric Pressure @ 14.30h	Temperature Dry Bulb 8.30	Temperature Dry Bulb 14.30	Temperature Dew Point 8.30	Temperature Dew Point 14.30	Vapour Pressure 8.30h	Vapour Pressure 14.30h	Saturation Deficit 8.30h	Saturation Deficit 14.30h	Relative Humidity 8.30h	Relative Humidity 14.30h	Total Cloud Amt. 8.30h	Total Cloud Amt. 14.30h	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Max. Fall in 24hrs.	Date	Number of Days of Rain	Number of Days of Thunder
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	25.851	25.780	66.[illegible]	77.4	63.1	64.7	.582	.617	.065	.331	90	65	8.1	7.0	0	5	1	9	16	179.1	7.05	1.41	4	16	20
February	25.851	25.783	67.9	80.1	62.7	64.3	.576	.608	.112	.449	84	58	5.1	5.9	1	13	2	8	5	85.3	3.36	0.98	23	11	12
March	25.856	25.786	66.0	77.8	63.1	65.1	.585	.626	.059	.337	91	65	7.3	7.1	0	6	4	12	9	205.7	8.10	0.95	9	22	16
April	25.851	25.783	67.6	80.5	62.0	63.3	.561	.588	.121	.463	82	56	6.8	7.1	1	3	9	11	6	59.7	2.35	2.12	18	7	5
May	25.889	25.818	67.0	81.7	59.5	60.3	.514	.529	.153	.564	77	48	5.6	6.9	1	10	5	15	0	11.4	0.45	0.18	8	3	3
June	25.933	25.859	63.9	81.4	53.5	54.5	.413	.428	.186	.653	69	40	2.1	2.8	11	12	2	5	0	0.0	0.00	0.00	-	0	0
July	25.913	25.839	63.3	81.5	52.1	51.7	.393	.387	.195	.700	67	36	2.4	3.8	8	15	4	4	0	*0.0	0.00	0.00		0	0
August	25.898	25.824	65.4	83.0	52.9	52.9	.405	.405	.227	.735	64	35	1.7	3.6	13	12	3	2	1	0.0	0.00	0.00		0	0
September	25.883	25.791	69.0	85.2	54.0	54.6	.422	.431	.293	.792	59	35	3.3	5.1	6	13	3	8	0	9.1	0.36	0.35	23	2	4
October	25.806	25.694	71.9	87.2	59.4	57.8	.514	.484	.277	.821	65	37	5.3	6.9	0	13	4	13	1	14.5	0.57	0.20	14	4	7
November	25.862	25.750	72.7	86.2	59.9	59.1	.523	.508	.292	.756	64	40	6.4	7.0	0	6	7	16	1	50.8	2.00	0.67	27	11	7
December	25.848	25.765	69.3	80.8	61.7	59.9	.555	.523	.169	.537	77	49	7.4	8.2	0	5	4	14	8	100.6	3.96	0.95	25	18	14
Year	25.870	25.789	67.5	81.9	58.7	59.0	.503	.511	.179	.596	74	47	5.1	5.9	41	113	48	117	47	716.2	28.20	2.12	Ap. 18	94	88

@ At station levels corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>8	Mean Wind Velocity 8.30h	Mean Wind Velocity 14.30h
													m.p.h.	m.p.h.
January	2	[illegible]	9	6	[illegible]	2	1	2	0	27	4	0	8.[illegible]	8.3
February	1	3	9	[illegible]	[illegible]	1	0	0	0	18	11	0	[illegible]	9.6
March	1	3	[illegible]	6	[illegible]	2	1	[illegible]	2	[illegible]	14	0	9.6	9.6
April	0	0	17	0	0	0	0	1	2	9	19	0	[illegible]	[illegible]
May	0	0	20	[illegible]	0	0	0	0	0	[illegible]	[illegible]	0	[illegible]	[illegible]
June	0	0	14	[illegible]	0	0	0	0	0	[illegible]	[illegible]	0	7.[illegible]	12.[illegible]
July	0	0	16	[illegible]	0	0	0	0	0	[illegible]	26	0	[illegible]	12.[illegible]
August	0	1	15	[illegible]	0	0	[illegible]	0	0	[illegible]	28	0	19.9	[illegible]
September	0	[illegible]	16	[illegible]	0	[illegible]	0	0	0	[illegible]	[illegible]	0	17.2	[illegible]
October	2	0	20	5	[illegible]	[illegible]	0	2	0	[illegible]	[illegible]	0	[illegible]	[illegible]
November	0	3	17	5	2	1	2	0	0	16	[illegible]	0	[illegible]	[illegible]
December	3	1	10	7	2	2	5	[illegible]	0	20	11	0	9.6	9.8
Year	9	16	173	123	17	8	9	7	4	[illegible]	225	0	[illegible]	[illegible]

Month	Extremes of Temperature of the Air Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 [illegible]	[illegible]	[illegible]
	F.		F.		F.	F.	F.	F.	F.				
January	85.5	[illegible]	59.5	9	80.0	62.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	[illegible]	20	[illegible]	24	83.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]
March	[illegible]	25	59.0	8	[illegible]	62.2	[illegible]	25.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April	85.0	[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]
May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
June	85.0	8	[illegible]	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
July	[illegible]	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
August	[illegible]	25	[illegible]	1	85.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
September	92.4	22	57.8	6	[illegible]	[illegible]	76.0	[illegible]	[illegible]	[illegible]	0	0	[illegible]
October	93.2	26	[illegible]	2	[illegible]	[illegible]	78.1	[illegible]	[illegible]	[illegible]	0	0	[illegible]
November	92.3	[illegible]	62.2	28	89.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
December	90.9	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	2	25
Year	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TANGA METEOROLOGICAL STATION 1948

Lat.: 5°04'S Long.: 39°06'E Alt.: 30 ft. Standard Time 3h 00m East. Ref. No. 95.39/00

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud amounts					Rainfall				Number of Days of	
	h	h	Dry bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall		Thun	
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm	ins.	in 24 hrs	Date	Rain	de
	ms	ms	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January			79.5	84.5	72.0	74.1	.791	.850	.225	.346	78	71	6.3	5.3	0	1	16	11	3	12.7	0.50	0.50	21	1	0
February			80.8	86.9	73.6	73.3	.839	.830	.221	.461	79	64	6.2	4.5	0	1	15	13	0	4.1	0.16	0.15	9	2	1
March			81.4	88.5	74.6	73.9	.865	.845	.216	.573	80	63	6.8	6.0	0	0	13	15	3	43.4	1.71	0.41	22	12	0
April			78.9	84.9	74.3	74.1	.856	.850	.142	.361	86	70	8.0	7.6	0	0	7	12	11	82.1	3.17	2.56	25	17	0
May			77.6	80.3	73.2	73.2	.827	.824	.130	.328	87	72	8.4	8.0	0	0	6	12	13	200.7	7.90	1.30	1	22	-
June			74.9	81.5	70.4	69.7	.750	.732	.124	.355	86	65	7.4	7.8	0	0	12	11	7	154.7	6.09	1.21		16	0
July			73.0	80.4	68.9	68.4	.715	.700	.106	.348	87	67	7.1	6.5	0	0	14	11	6	76.7	3.02	0.63	24	1	0
August			73.1	80.2	68.9	68.5	.715	.703	.109	.336	87	67	7.6	7.2	0	0	12	6	12	102.4	4.03	2.10	22	20	0
September			74.7	81.7	70.1	68.3	.741	.700	.127	.393	85	64	7.6	5.8	0	0	11	14	5	18.8	0.74	0.18	25	11	0
October			77.6	83.9	72.7	71.0	.812	.768	.145	.404	85	66	8.1	5.8	0	1	4	20	6	143.3	5.64	1.40	31	19	0
November			79.6	84.9	74.3	73.8	.856	.842	.166	.372	84	70	8.3	5.0	0	0	20	8	4	115.5	4.54	1.36	14	10	0
December			78.5	84.3	74.0	75.0	.848	.877	.138	.440	86	74	8.7	7.5	0	0	3	16	12	344.2	13.55	6.34	18	20	0
Year			77.5	83.1	72.3	71.9	.801	.793	.154	.377	84	68	7.4	6.4	0	3	134	141	82	1398.4	55.05	6.34	Dec 18	161	2

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h.									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	8-	8.30	14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. - Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	29	2	0	0	0	0	23	8	0	10.5	15.7	88.4	18	73.1	often	86.8	75.9	81.3	14.6	0.6	10.8	0	1	30
February	0	0	0	27	2	0	0	0	0	25	4	0	9.4	15.7	91.9	29	73.1	2	89.3	75.9	82.6	17.3	10.0	13.4	0	0	29
March	0	2	0	29	0	0	0	0	0	26	5	0	8.9	14.3	92.1	16,17	73.1	1,2,23	90.4	76.2	83.3	18.7	11.3	14.2	0	2	29
April	1	23	0	6	0	0	0	0	0	22	8	0	9.6	14.8	90.9	1	71.4	27	86.9	74.5	80.7	16.3	2.0	12.4	0	9	21
May	0	31	0	0	0	0	0	0	0	27	4	0	8.9	14.1	89.1	7,8	70.7	23	85.4	73.3	79.3	15.9	7.0	12.1	0	9	22
June	0	30	0	0	0	0	0	0	0	25	5	0	10.1	16.8	86.1	5	68.1	23,24	83.4	70.9	77.1	15.0	8.7	12.5	0	9	21
July	0	30	1	0	0	0	0	0	0	24	7	0	9.6	14.5	85.1	10	67.5	8	82.0	69.5	75.7	16.2	6.3	12.6	0	4	27
August	0	25	0	0	6	0	0	0	0	27	4	0	8.3	14.8	84.2	13	65.1	13	81.8	68.6	75.2	19.1	9.0	13.2	0	6	25
September	0	0	0	0	1	29	0	0	0	24	6	0	9.6	16.6	85.2	17	65.4	1	83.1	69.2	76.1	18.0	9.0	13.9	0	4	26
October	0	2	0	0	0	22	7	0	0	25	6	0	9.2	14.8	88.1	11,25	68.1	6	85.5	71.5	78.5	18.0	9.3	14.0	0	8	23
November	0	9	0	0	1	20	0	0	0	22	8	0	9.6	15.4	88.1	23,24	70.1	18,23	86.4	73.0	79.7	18.0	9.2	13.4	1	3	26
December	0	29	1	1	0	0	0	0	0	22	9	0	9.6	15.2	91.0	27	71.1	30	86.5	73.8	80.1	15.4	6.7	12.7	1	9	21
Year	1	18	2	92	2	71	7	0	0	292	74	0	9.4	15.2	92.1	Mar. 16,17	65.1	Aug. 13	85.6	72.7	79.1	19.1	0.6	12.9	2	64	300

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT UKIRIGURU, MWANZA, 1948.

Lat.: 2°48'S Long.: 33°01'E Alt.: 3977 ft. Standard Time 3h 00m East. Ref. No. 92.33/04.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.	Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb h 8.30	Dry Bulb h 14.30	Dew Point h 8.30	Dew Point h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	0	1-3	4-6	7-9	10	Total mms.	Total ins.	Max. Fall in 24hrs. ins.	Date	Rain.	Thun. der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%												
January	25.998	25.921	68.3	79.4	62.9	60.6	.579	.535	.118	.481	83	53	8.3	8.2	0	0	6	17	8	55.4	2.18	0.45	5	17	9
February	25.998	25.921	70.8	82.5	62.0	59.6	.561	.517	.201	.605	74	46	6.9	7.3	0	2	10	15	2	24.4	0.96	0.36	25	9	4
March	26.007	25.930	68.8	81.2	62.3	59.8	.567	.520	.145	.487	80	52	7.7	7.2	0	2	8	14	7	158.2	6.23	2.13	6	14	..
April	25.995	25.924	68.8	79.8	63.0	62.5	.582	.579	.130	.445	82	57	8.5	8.2	0	0	3	22	5	97.3	3.83	1.03	10	1	5
May	26.031	25.960	68.8	79.5	61.5	61.2	.552	.546	.160	.443	78	54	8.0	8.3	0	0	6	23	2	107.2	4.22	1.34	30	2	4
June	26.089	26.001	67.2	80.0	59.5	59.8	.514	.520	.159	.514	76	50	5.7	6.2	3	4	10	12	1	9.3	0.37	0.33	1	3	0
July	26.055	25.983	67.5	81.2	57.1	59.4	.473	.514	.209	.561	69	48	5.2	6.8	1	3	13	14	0	2.5	0.06	0.06	15	1	2
August	26.045	25.966	68.1	82.8	55.1	55.9	.449	.452	.260	.619	63	40	5.7	6.6	0	4	16	11	0	1.3	0.05	0.05	4	1	0
September	26.025	25.942	71.1	80.7	58.5	58.1	.496	.490	.275	.536	65	46	7.5	8.2	0	3	4	23	0	44.7	1.76	0.94	20	5	6
October	26.022	25.924	72.4	80.6	61.8	59.6	.558	.517	.245	.537	69	49	6.8	8.0	0	5	10	15	1	98.0	3.86	1.13	29	12	11
November	26.016	25.913	2.0	80.4	62.2	59.6	.567	.517	.227	.531	72	49	7.8	8.2	0	0	5	22	3	86.1	3.39	1.20	18	12	6
December	26.007	25.934	69.5	78.2	62.0	60.5	.561	.535	.168	.440	77	55	8.1	8.3	0	0	5	25	3	80.5	3.17	0.95	15	11	5
Year	26.022	25.943	69.5	80.3	60.7	59.7	.538	.520	.191	.527	77	50	7.3	7.6	4	23	96	211	32	764.0	30.08	2.13	Mar. 6	119	63

@ At station levels corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max. + ½ Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	2	4	3	12	3	0	1	6	23	2	0	5.6	7.2	88.0	18	60.2	22	82.0	64.5	73.3	25.3	6.5	17.5	0	1	30
February	0	0	2	9	17	0	0	0	1	25	3	0	7.4	8.3	91.1	15	61.4	7	85.3	65.4	75.3	26.6	9.0	19.9	0	0	29
March	0	1	1	7	11	4	2	0	5	24	2	0	6.0	6.9	88.1	5	61.8	7	80.7	65.3	73.0	22.1	4.2	15.4	0	0	31
April	0	0	1	5	18	0	0	0	6	16	8	0	7.6	8.3	86.7	2	62.7	11	80.7	65.1	72.9	21.6	4.8	15.5	0	0	30
May	0	0	0	6	20	0	1	0	4	23	4	0	6.5	5.6	..	.	59.8	25	.	64.5	..	.	.	.	0	0	31
June	0	0	6	3	17	0	0	0	4	22	4	0	6.5	7.4	–	–	56.2	25	–	61.8	–	–	–	–	0	1	29
July	0	0	2	10	17	0	0	0	2	20	9	0	9.6	11.0	..	–	57.0	10	–	61.6	–	–	–	–	0	0	31
August	0	0	4	8	17	0	0	0	2	20	9	0	10.3	9.4	89.7	25	60.2	14	85.4	63.5	74.5	28.2	14.3	21.9	0	0	31
September	0	2	7	9	12	0	0	0	0	26	4	0	8.7	8.7	88.2	30	59.7	6	84.5	64.9	74.7	26.1	11.9	19.6	0	0	30
October	1	1	14	9	3	0	0	0	3	23	5	0	6.9	9.4	90.8	3	60.5	24	84.4	65.5	74.9	25.3	8.1	18.9	0	0	31
November	2	0	7	15	4	0	0	0	2	23	5	0	6.5	6.9	87.2	5	62.5	7	82.4	66.0	74.2	21.7	8.2	16.5	0	0	30
December	1	0	12	6	6	0	0	0	6	21	4	0	6.3	7.8	89.0	8	59.9	25	81.0	64.7	72.9	25.2	5.1	16.3	0	1	30
Year	4	6	60	90	154	7	3	1	41	266	59	0	7.3	8.1	–	.	56.2	June 25	.	64.4		.	.	.	0	3	363

EAST AFRICAN

METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1948.

PART III - UGANDA.

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SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ARUA 2ND ORDER STATION, 1948.

Lat.: 3°01'N Long.: 30°55'E Alt.: 4200 ft. Standard Time 3h 00m East. Ref. No. 86.30/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	69.2	85.4	57.8	58.3	.484	.493	.237	.738	67	40	1.3	1.6	12	16	2	1	0	37.1	1.46	1.31	21	4	0
February	-	-	69.7	86.7	60.8	59.8	.537	.520	.195	.765	73	41	2.0	1.9	5	20	1	2	1	19.8	0.78	0.42	21	3	1
March	-	-	69.9	86.0	59.1	59.1	.508	.508	.230	.747	69	40	2.6	2.2	1	24	2	2	2	94.7	3.73	1.76	6	9	0
April	-	-	69.2	82.2	64.0	63.3	.602	.588	.119	.522	83	53	4.0	3.4	4	17	5	4	3	141.5	5.57	1.78	4	14	0
May	-	-	69.1	82.3	64.8	66.7	.620	.661	.098	.452	86	59	2.8	2.4	0	26	1	4	0	117.9	4.64	1.92	3	12	0
June	-	-	65.9	78.5	63.4	65.1	.591	.626	.053	.360	90	64	4.8	3.1	1	16	2	8	3	207.0	8.15	2.70	16	14	0
July	-	-	65.6	77.8	62.5	63.4	.567	.591	.071	.372	89	62	4.3	3.5	0	18	3	5	5	205.0	8.07	1.95	19	15	0
August	-	-	65.1	77.2	63.0	64.7	.582	.617	.044	.328	93	66	4.5	4.0	0	17	4	6	4	208.5	8.21	2.12	1	19	0
September	-	-	65.3	78.7	62.9	65.4	.582	.632	.050	.360	92	64	4.9	3.5	0	16	2	6	6	226.3	8.91	2.83	2	17	0
October	-	-	67.0	79.2	63.6	66.8	.594	.664	.073	.343	89	66	4.5	3.8	0	19	1	6	5	143.8	5.66	1.50	25	17	0
November	-	-	67.9	81.7	61.2	63.4	.546	.591	.145	.502	79	54	2.3	2.3	0	26	0	4	0	98.3	3.87	0.95	20	10	0
December	-	-	67.3	82.6	60.1	61.0	.526	.543	.150	.582	77	48	2.6	1.8	1	24	1	4	1	12.7	0.50	0.22	16	4	0
Year	-	-	67.6	81.5	61.9	63.1	.561	.586	.122	.506	82	55	3.4	2.8	21	239	24	52	30	1512.6	59.55	2.83	Sept 2	138	-

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.				Mean Max.	Mean Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date						Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	4	0	22	0	0	0	5	0	0	29	2	0	6.0	9.6	92.0	14	56.8	6	85.0	60.7	74.9	33.6	41.2	28.5	0	1	30
February	0	0	20	0	0	0	9	0	0	25	4	0	7.4	11.0	96.0	29	57.4	6	91.2	62.3	76.7	33.6	21.6	28.9	0	0	29
March	0	0	11	0	0	0	20	0	0	27	4	0	6.5	11.4	96.0	25	58.5	often	89.0	61.7	75.3	33.2	18.4	27.3	0	0	-
April	0	0	19	0	0	0	11	0	0	28	2	0	6.5	10.3	96.0	2	57.0	18	85.7	62.3	74.0	30.6	12.0	23.5	0	2	28
May	0	0	19	0	0	0	12	0	0	30	1	0	5.6	8.7	87.6	24	58.0	30	84.9	61.5	73.2	26.5	12.5	23.4	0	0	31
June	0	0	20	0	0	0	10	0	0	30	0	0	5.1	7.8	87.0	3	57.0	17	81.8	59.9	70.9	29.1	16.0	21.9	1	0	29
July	0	0	18	0	0	0	13	0	0	30	1	0	4.9	7.4	85.0	7	56.0	13	80.2	58.9	69.5	25.5	12.0	21.3	1	0	30
August	0	0	9	0	0	0	22	0	0	31	0	0	4.3	7.8	85.5	26	55.5	5	81.2	59.0	70.1	25.5	12.0	22.3	0	0	1
September	0	0	5	0	0	0	25	0	0	29	1	0	5.1	8.1	86.0	15	55.5	often	81.9	58.8	70.3	27.5	16.0	23.1	0	0	28
October	0	0	10	0	1	0	20	0	0	30	1	0	4.7	8.9	87.0	25	58.5	7	82.5	61.5	72.0	26.0	7.0	21.0	0	0	31
November	0	0	24	0	0	0	6	0	0	30	0	0	4.0	9.8	88.0	10	60.0	12	84.4	62.5	75.3	28.0	17.0	21.9	0	0	30
December	0	0	18	0	1	0	12	0	0	31	0	0	5.6	9.4	89.0	10	59.0	25	85.2	62.8	74.6	27.0	16.0	22.4	0	1	30
Year	4	0	195	0	2	0	165	0	0	350	16	0	5.5	9.2	96.0	/	55.5	often	84.7	61.0	72.9	33.6	7.0	23.8	2	6	358

/ February 29th, March 25th and April 2nd.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BUTIABA 2ND ORDER STATION, 1948.

Lat.: 1°50N Long.: 31°20'E Alt.: 2037 ft. Standard Time 3h 00m East. Ref. No. 88.31/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall			Thun-
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	79.1	84.6	69.1	71.7	.718	.786	.286	.413	71	66	6.1	5.6	0	1	14	14	0	26.7	1.05	1.03	21	2	0
February	-	-	80.8	85.7	69.6	74.3	.729	.856	.331	.349	69	71	5.3	5.4	0	2	18	7	0	16.0	0.63	0.42	22	3	0
March	-	-	79.9	83.8	67.7	72.1	.685	.797	.346	.372	67	68	2.5	4.7	15	6	7	3	0	34.8	1.37	0.98	5	4	0
April	-	-	79.5	83.9	68.9	72.9	.715	.818	.304	.357	70	70	3.9	4.8	2	13	10	5	0	93.5	3.68	1.26	18	10	0
May	-	-	78.6	82.6	70.0	72.6	.741	.809	.245	.316	75	72	3.8	4.4	0	14	15	2	0	75.4	2.97	0.80	20	10	0
June	-	-	75.7	81.4	68.2	71.1	.697	.768	.201	.313	78	71	4.5	4.0	0	8	19	3	0	81.5	3.21	1.20	12	8	1
July	-	-	75.3	81.1	68.4	71.0	.703	.768	.183	.304	80	71	4.5	4.0	0	12	11	8	0	70.4	2.77	1.35	15	9	0
August	-	-	74.6	80.2	67.7	70.2	.685	.747	.180	.292	79	72	3.9	3.4	0	16	8	6	0	74.7	2.94	0.58	6	12	0
September	-	-	76.5	81.9	68.9	71.0	.715	.768	.206	.334	78	70	3.6	3.3	0	16	9	5	0	56.6	2.23	0.95	20	7	1
October	-	-	77.4	82.1	69.7	71.3	.732	.777	.219	.330	77	70	3.2	2.7	1	19	9	2	0	55.9	2.20	0.81	12	8	0
November	-	-	79.1	84.3	68.8	70.9	.712	.765	.292	.422	71	64	2.4	3.2	10	11	5	2	0	25.7	1.01	0.35	19	7	0
December	-	-	78.9	83.3	68.9	70.9	.715	.765	.283	.387	72	67	3.0	3.4	3	15	13	0	0	23.6	0.93	0.62	20	2	0
Year	-	-	77.3	82.8	68.8	71.7	.712	.785	.256	.349	74	69	3.9	4.1	31	133	138	57	0	634.8	24.99	1.35	July 15	79	2

@ At station level: corrected for Temperature and to standard gravity.

	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h. 8.30	h. 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Range Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	6	0	15	0	8	0	0	0	23	6	0	10.3	11.0	92.1	16	70.0	9	86.6	72.8	79.7	19.6	8.0	13.8	1	0	28
February	0	6	0	8	0	13	0	0	0	24	3	0	7.8	8.7	93.8	12	69.1	26	88.1	74.5	81.3	23.1	6.5	13.6	0	0	27
March	0	4	3	9	0	13	0	2	0	29	2	0	4.9	9.4	90.2	28	68.8	6	85.9	73.3	79.6	15.8	9.0	12.6	0	0	31
April	0	2	2	15	1	10	0	0	0	30	0	0	2.9	6.7	89.5	1	67.0	19	85.3	72.6	78.9	19.3	7.8	12.7	0	0	30
May	0	5	2	17	0	6	0	1	0	30	1	0	4.0	7.8	89.0	14	70.0	17,30	84.9	72.9	78.9	16.5	4.0	12.0	0	0	31
June	0	18	1	7	0	4	0	0	0	25	5	0	7.4	8.3	86.0	3	67.0	19	82.3	71.0	76.7	15.0	7.5	11.2	0	0	30
July	0	20	1	8	0	2	0	0	0	26	5	0	6.0	10.7	85.0	5	69.0	often	82.3	71.1	76.7	15.6	7.5	11.2	0	0	31
August	0	18	0	10	0	1	0	1	0	29	1	0	6.0	9.2	84.0	often	68.0	often	82.0	70.2	76.1	15.6	7.8	11.9	0	0	30
September	0	17	0	9	0	1	0	3	0	23	7	0	8.3	8.5	86.0	30	68.0	often	82.9	71.1	77.0	16.0	8.0	11.8	0	0	30
October	0	13	4	6	2	5	0	1	0	27	4	0	5.6	6.7	86.0	29	67.0	13	83.1	71.2	77.1	17.0	8.5	11.9	0	0	31
November	1	17	2	5	0	3	0	0	0	26	2	0	4.0	9.2	88.0	4	69.0	8,17	85.4	71.8	78.6	16.5	9.4	12.6	0	0	28
December	0	15	7	8	0	1	0	0	0	31	0	0	3.4	10.3	89.0	3	67.0	21,31	85.3	71.5	78.4	18.1	8.6	13.8	0	1	30
Year	1	141	22	117	3	67	0	8	0	323	36	0	5.9	8.9	93.8	Feb. 12	67.0	often	84.5	72.0	78.5	23.1	4.0	12.5	1	1	357

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ENTEBBE AERODROME, 1948.

Lat.: 0°03'N Long.: 32°27'E Alt.: 3761 ft. Standard Time 3h 00m East. Ref. No. 89.32/66.

Month	Atmospheric Pressure @		Temperature Dry Bulb		Temperature Dew Point		Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall Total		Rainfall Max Fall		Number of Days of	
	[illegible]	[illegible]	8.30	[illegible]	8.30	[illegible]	8.30h	[illegible]	8.30h	14.30h	8.30h	[illegible]	8.30h	14.30h	0	1-3	4-6	7-9	10	mm	ins.	[illegible]	Date	Rain	Thunder
	[illegible]	[illegible]	[illegible]	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90	[illegible]	7 [illegible]	5 [illegible]	0	[illegible]	9	[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	26.166	26.107	69.5	78.6	64.6	63.4	.614	.591	.115	.398	85	60	8.2	6.8	0	2	4	11	12	41.1	1.62	[illegible]	[illegible]	[illegible]	[illegible]
March	26.169	26.113	69.1	77.8	65.5	64.6	.632	.614	.089	.349	88	64	8.9	7.1	0	1	3	11	16	168.7	6.64	[illegible]	[illegible]	[illegible]	[illegible]
April	26.155	26.110	69.4	75.9	65.9	65.6	.644	.635	.082	.269	89	70	9.3	7.8	0	0	1	8	21	304.5	11.99	1.93	21	[illegible]	[illegible]
May	26.195	[illegible]	69.7	75.8	65.5	65.3	.635	.629	.100	.272	86	70	8.3	7.6	0	1	4	17	9	67.1	6.58	1.64	27	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	26.220	26.178	65.8	73.7	63.0	63.3	.582	.588	.062	.251	91	70	8.4	8.2	0	1	3	16	11	26.7	1.05	0.52	25	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	26.193	26.137	67.1	75.1	63.2	63.6	.585	.594	.085	.286	87	68	8.3	7.4	0	2	3	11	14	91.7	3.61	1.09	7	[illegible]	[illegible]
October	26.187	26.125	67.6	76.2	64.1	64.8	.605	.620	.077	.293	89	68	9.1	8.4	0	0	2	13	16	139.7	5.50	2.14	27	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	26.169	26.110	67.8	77.7	62.8	62.7	.579	.576	.109	.384	85	60	8.9	7.7	0	2	0	11	18	186.4	7.34	2.37	28	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		[illegible]										[illegible]		
	N	NE	E	SE	S	SW	W	NW	Calm	[illegible]	[illegible]	[illegible]	8.30h	14.30h	Max.	[illegible]	Min.	[illegible]	Mean Max.	Mean Min.	Mean	Max.	Min.	Mean	[illegible]	[illegible]	[illegible]
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	[illegible]	1	0	0	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	0	[illegible]	12.8	[illegible]	8	58.0	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.3	0	10	[illegible]
February	12	0	1	1	5	3	1	5	1	27	1	0	4.7	11.6	84.2	20	58.5	15	81.2	63.9	72.5	27.0	12.4	17.3	0	[illegible]	[illegible]
March	8	2	0	1	3	6	1	9	1	30	0	0	4.9	10.7	84.3	26	59.7	20	79.7	63.8	71.7	23.5	9.3	15.9	0	[illegible]	[illegible]
April	9	2	0	1	6	2	1	5	4	24	2	0	4.7	11.0	84.6	2	62.0	19	78.5	64.9	71.7	18.1	9.2	13.5	0	0	30
May	6	1	0	3	6	6	2	4	3	24	4	0	6.5	10.1	80.4	18	60.3	4	77.6	64.4	71.0	17.7	9.9	13.2	0	0	[illegible]
June	11	4	0	1	3	3	0	7	1	24	5	0	7.6	11.6	78.2	8	60.0	often	75.4	62.6	69.0	16.8	7.3	12.8	0	0	[illegible]
July	7	3	2	0	0	5	4	10	0	30	1	0	4.5	9.2	79.7	22	53.8	29	76.1	61.5	68.8	23.7	8.8	14.6	0	0	31
August	14	1	2	0	2	1	2	8	1	29	1	0	4.5	10.1	82.9	26	56.8	13	76.8	61.6	69.2	22.0	8.8	15.2	0	0	[illegible]
September	15	2	0	0	1	3	0	7	2	27	1	0	6.5	9.4	83.4	17	58.2	14	77.9	61.7	69.8	25.0	8.3	16.2	0	0	30
October	14	3	0	1	1	2	0	10	0	29	2	0	4.5	9.2	83.6	23	58.1	8	78.8	62.6	70.7	21.2	10.8	16.1	0	0	31
November	10	2	0	0	0	2	1	12	3	27	0	0	3.4	8.9	88.8	4	59.0	28	79.3	62.2	70.7	29.1	11.9	17.1	0	1	29
December	10	4	1	0	2	1	2	8	3	28	0	0	3.6	10.7	83.6	28	57.5	26	79.4	62.7	71.1	23.6	9.2	16.7	0	[illegible]	[illegible]
Year	125	25	6	8	30	37	18	95	23	325	17	0	4.9	10.4	88.8	Nov. 4	53.8	July 29	78.4	62.9	70.6	29.1	5.9	15.6	0	20	346

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT FORT PORTAL 2ND ORDER STATION, 1948.

Lat.: 0°40'N Lomh.: 30°17'E Alt.: 5049 ft. Standard Time 3h 00m East Ref. No. 89.30/02.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall			
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs	Date	Rain	Thun-der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	25.021	24.976	59.7	77.7	55.4	58.9	.443	.502	.074	.458	85	52	4.0	6.0	10	2	12	6	1	7.4	0.29	0.14	21	4	6
February	25.024	24.991	59.8	76.9	56.6	59.8	.464	.520	.056	.413	89	56	6.3	7.6	2	1	13	10	3	97.3	3.83	1.57	18	10	18
March	25.038	24.973	60.5	76.5	57.5	60.9	.478	.540	.054	.381	90	59	7.2	7.4	0	5	8	9	9	71.4	2.81	0.87	3	12	17
April	25.021	25.000	61.8	76.2	58.7	61.7	.499	.555	.059	.358	90	61	7.8	8.1	0	0	10	11	9	130.0	5.12	1.07	18	23	25
May	25.041	25.021	61.8	75.4	59.6	62.6	.517	.573	.041	.313	93	65	7.3	7.7	0	4	7	13	7	153.4	6.04	0.67	4	22	24
June	25.086	25.062	60.6	72.6	57.8	61.2	.484	.546	.051	.263	91	68	7.8	7.7	0	8	5	17	5	149.9	5.90	1.41	15	14	16
July	25.056	25.033	60.1	72.5	57.2	60.2	.475	.529	.051	.277	90	66	7.5	8.2	0	4	2	22	3	46.7	1.84	0.52	16	13	17
August	25.050	25.032	58.5	72.2	56.9	60.9	.467	.540	.029	.260	94	68	8.1	8.4	0	0	0	30	1	126.0	4.96	0.97	29	18	13
September	25.053	25.018	59.2	71.2	57.9	61.4	.484	.552	.024	.219	95	72	7.9	8.1	1	0	0	27	2	212.6	8.37	1.83	10	18	11
October	25.059	25.009	60.3	72.1	58.1	62.2	.487	.567	.042	.227	92	71	7.5	8.1	0	3	5	18	5	268.5	10.57	2.48	30	24	28
November	25.050	24.994	62.4	74.0	59.2	60.9	.508	.540	.062	.308	89	64	7.4	7.9	0	3	7	18	2	274.1	10.79	1.35	23	22	22
December	25.047	25.260	60.3	75.4	56.6	59.6	.464	.517	.068	.372	88	58	7.8	8.2	0	0	10	13	8	68.1	2.68	0.87	19	11	14
Year	25.045	25.031	60.4	74.4	57.6	60.9	.481	.540	.051	.321	91	63	7.2	7.8	13	25	79	194	55	1605.4	63.20	2.48	Oct. 30	191	211

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	3	0	0	0	4	0	24	7	0	0	0.7	7.2	82.0	often	48.5	10	78.9	53.0	65.9	31.6	12.0	25.8	2	15	14
February	0	0	4	0	1	0	0	0	24	5	0	0	0.7	4.7	85.0	13	50.0	4	80.9	53.5	67.2	33.5	18.5	27.4	0	10	19
March	0	0	3	0	1	0	0	0	27	4	0	0	0.4	3.4	85.0	25,26	50.0	24,25	78.9	55.0	66.9	35.0	9.5	23.9	1	6	24
April	0	0	4	0	1	0	0	0	25	5	0	0	0.2	4.9	85.4	2	50.0	4	79.8	56.5	68.1	33.0	14.0	23.3	0	3	27
May	0	0	6	0	0	0	3	0	22	9	0	0	1.1	3.6	84.0	2	53.5	17	78.5	57.5	68.0	30.0	16.0	21.0	0	4	27
June	0	0	0	0	4	0	1	0	25	5	0	0	0.9	4.7	80.0	5	51.5	23,27	75.3	55.6	65.5	26.0	14.0	19.7	0	15	15
July	1	0	0	0	0	0	0	0	30	1	0	0	1.8	3.6	80.0	8	50.0	5	75.6	55.8	65.7	27.1	15.0	19.9	0	27	4
August	0	0	0	0	1	0	0	0	30	1	0	0	0.0	3.6	81.0	27	49.0	3	75.6	54.6	65.1	29.0	13.0	21.0	1	23	7
September	0	0	0	0	0	0	2	0	28	2	0	0	0.2	4.7	80.0	29	50.0	18	75.9	54.4	65.1	28.0	13.0	21.5	2	19	9
October	0	0	12	5	1	0	4	0	9	22	0	0	2.2	7.2	78.3	18	48.9	4	75.5	53.6	64.5	29.2	14.7	21.9	2	1	28
November	0	0	16	8	1	2	3	0	0	29	1	0	2.9	6.5	82.0	8	52.7	2	76.4	55.7	66.1	25.9	13.4	20.7	0	0	30
December	0	0	3	19	1	1	0	0	7	24	0	0	2.5	6.7	81.1	5,11	48.0	26	77.0	53.6	65.3	29.8	4.2	23.4	0	5	26
Year	1	0	51	32	11	3	17	0	251	114	1	0	1.1	5.1	85.4	April 2.	48.0	Dec. 26	77.3	54.9	66.1	35.0	4.2	22.5	8	128	230

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT GULU 2ND ORDER STATION, 1948.

Lat.: 2°45'N Long.: 32°20'E Alt.: 3630 ft. Standard Time 3h 00m East. Ref. No. 87.32/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall		Rain	Thun-der.
	9.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	26.302	26.220	68.7	87.5	57.7	53.1	.484	.408	.225	.909	68	31	3.0	5.1	2	18	6	5	0	32.0	1.26	1.18	22	3	3
February	26.302	26.217	70.4	89.8	60.7	52.7	.537	.402	.213	1.013	72	28	3.4	5.3	0	15	10	3	1	16.3	0.64	0.53	20	6	3
March	26.305	26.231	70.9	87.3	59.5	56.9	.514	.470	.251	.838	68	36	5.8	6.3	0	7	10	11	3	51.6	2.03	1.21	5	5	10
April	26.288	26.220	70.8	84.9	64.4	61.4	.611	.549	.151	.662	81	45	6.6	7.3	0	7	6	12	5	89.7	3.53	0.79	28	15	14
May	26.329	26.264	70.2	82.4	65.5	65.9	.635	.644	.112	.475	85	58	5.8	7.5	0	9	6	16	0	133.3	5.25	1.20	13	18	24
June	26.382	26.323	67.8	77.8	65.0	65.1	.623	.626	.065	.337	91	65	8.2	7.8	0	1	5	19	5	369.8	14.56	3.25	12	23	21
July	26.361	26.305	66.1	78.2	63.7	64.7	.597	.617	.050	.358	92	63	6.3	8.0	0	8	6	12	5	369.6	14.55	3.25	24	21	19
August	26.355	26.296	66.3	78.0	64.1	64.9	.605	.623	.048	.346	93	65	7.7	8.5	0	4	2	19	6	430.8	16.96	4.28	31	25	20
September	26.347	26.273	67.5	79.0	64.4	65.0	.611	.620	.068	.381	90	62	7.0	7.7	0	6	3	15	6	154.2	6.07	1.26	24	19	16
October	26.341	26.252	69.1	80.5	65.1	64.3	.626	.608	.092	.443	87	58	7.5	7.4	0	3	5	15	8	227.8	8.97	1.65	9	20	12
November	26.329	26.237	69.9	83.0	61.9	60.2	.561	.529	.177	.611	76	46	4.2	6.1	0	13	9	7	1	70.9	2.79	1.27	21	10	10
December	26.314	26.234	69.1	85.0	59.2	54.6	.508	.431	.210	.786	70	35	5.0	6.6	3	7	10	11	0	1.5	0.06	0.06	17	1	1
Year	26.329	26.256	68.9	82.8	62.6	60.7	.576	.544	.139	.597	81	49	5.6	7.0	5	98	78	145	40	1947.5	76.67	4.28	Aug. 31	166	153

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.				Mean	Mean	Range			Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. & Min	Max.	Min.	Mean	Fog	Mist	Good V s.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	8	0	2	5	11	1	2	2	0	29	2	0	6.9	11.2	92.8	13	56.1	9,10	89.1	61.0	75.1	35.5	18.4	28.1	0	10	21
February	6	0	1	3	10	3	1	5	0	25	4	0	8.1	11.2	95.4	19	57.2	19	91.7	62.9	77.3	38.2	18.1	28.8	0	0	29
March	5	1	1	9	10	1	1	3	0	30	1	0	2.6	12.3	96.0	27	59.6	18	89.5	63.2	76.3	34.4	13.3	26.3	0	2	29
April	2	0	3	12	10	2	0	1	0	27	3	0	8.1	9.6	96.8	2	60.8	19	87.0	64.5	75.7	31.2	5.7	22.4	0	0	30
May	0	1	1	14	15	0	0	0	0	31	0	0	7.6	8.7	87.0	2	61.8	6	83.6	63.6	73.6	23.0	13.7	20.0	0	0	31
June	2	3	1	13	4	2	0	5	0	30	0	0	5.8	6.5	85.2	3	58.5	17	80.3	62.7	71.5	23.5	13.0	17.6	0	0	30
July	2	4	3	9	5	2	1	5	0	29	2	0	5.6	4.7	83.8	7	57.6	19	79.9	61.4	70.7	23.6	14.9	18.4	0	3	28
August	5	4	7	7	2	0	0	6	0	31	0	0	4.9	6.7	82.5	26	58.4	5	80.1	61.5	70.8	21.6	13.4	18.5	3	0	28
September	5	5	8	2	1	2	1	6	0	30	0	0	6.0	7.4	84.0	3,19	58.4	17	81.1	61.5	71.3	24.8	14.2	19.5	0	1	29
October	7	6	5	6	4	1	0	2	0	31	0	0	5.6	7.8	85.0	often	58.4	3	82.2	61.6	71.9	26.2	7.5	20.7	1	1	29
November	3	1	11	6	3	1	0	5	0	25	5	0	7.4	10.1	87.0	14	56.0	2	84.4	60.0	72.2	29.8	19.2	24.4	1	0	29
December	2	2	9	3	1	2	5	7	0	28	3	0	6.7	13.4	89.4	19	48.7	26	86.1	61.1	73.6	34.3	19.9	25.0	0	3	28
Year	47	27	52	89	76	17	11	47	0	346	20	0	6.3	9.1	96.8	Apr. 2	48.7	Dec. 26	84.6	62.1	73.3	38.2	5.7	22.5	5	20	341

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT JINJA 2ND ORDER STATION, 1948.

Lat.: 0°26'N Long.: 33°12'E Alt.: 3878 ft. Standard Time 3h 00m East. Ref. No. 89.33/01.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall		Rain	Thun-der.
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	26.128	26.013	70.4	83.5	64.5	65.9	.611	.644	.139	.514	82	56	7.7	8.3	0	0	3	24	4	87.4	3.44	1.32	27	9	9
February	26.134	25.998	69.9	83.0	63.4	65.0	.591	.623	.147	.517	80	55	6.9	7.0	0	0	12	15	2	76.5	3.01	0.95	20	7	6
March	26.119	26.001	70.5	82.6	64.9	65.1	.620	.626	.133	.499	83	56	7.6	7.8	0	0	6	22	3	115.3	4.54	0.99	-	11	12
April	26.116	26.007	70.1	81.9	64.3	65.1	.608	.626	.136	.476	82	57	8.5	7.9	0	0	3	20	7	197.6	7.78	1.77	22	14	13
May	26.131	26.016	69.9	80.7	64.5	65.3	.611	.629	.127	.431	83	59	7.9	7.9	0	0	7	17	7	167.1	6.58	2.39	9	9	12
June	26.128	26.034	68.2	77.6	63.1	65.8	.585	.641	.112	.316	84	67	7.7	8.1	0	0	6	21	3	113.0	4.45	1.47	6	7	7
July	26.125	26.072	65.3	75.6	63.0	63.4	.582	.591	.050	.304	92	66	6.6	5.3	0	8	5	16	2	84.8	3.34	1.32	2	12	1
August	26.110	26.063	66.1	76.7	62.2	63.0	.564	.582	.083	.345	87	63	6.5	5.6	0	8	5	14	4	100.6	3.96	1.55	16	8	0
September	26.110	26.063	66.1	76.7	62.2	63.0	.564	.582	.083	.345	92	61	6.2	5.4	0	9	5	12	4	201.9	7.95	2.90	6	12	1
October	26.084	26.031	66.1	78.6	63.5	64.1	.594	.605	.053	.384	92	61	6.2	5.4	0	8	9	14	0	85.9	3.38	1.02	28	12	2
November	26.096	26.004	68.4	79.2	64.3	63.4	.608	.591	.095	.416	87	59	5.9	5.8	0	8	9	12	2	151.4	5.96	4.90	20	6	1
December	26.099	26.016	69.2	80.2	62.3	61.8	.567	.558	.154	.484	79	54	5.3	5.8	0	9	12	7	2	151.4	5.96	4.90	20	6	1
	26.104	26.025	69.1	80.2	61.1	60.1	.546	.526	.175	.516	76	50	8.3	8.5	0	1	4	18	8	56.9	2.24	1.03	11	5	1
Year	26.115	26.023	68.6	80.0	63.4	64.0	.591	.603	.117	.433	84	59	7.1	6.9	0	43	77	200	46	1438.4	56.63	4.90	Nov. 20	113	65

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	8	1	3	1	2	1	10	5	0	29	2	0	7.8	11.6	88.0	16,19	61.0	6	85.8	64.9	75.3	25.0	15.0	20.9	0	0	31
February	4	0	4	1	4	1	13	2	0	29	0	0	7.6	13.0	89.0	19	63.0	often	86.1	65.4	75.7	23.7	18.0	20.7	0	0	29
March	7	2	4	4	2	0	11	1	0	30	1	0	7.4	14.3	88.3	27,29	61.0	18	85.0	64.9	74.9	23.0	17.0	20.1	0	0	31
April	7	1	12	2	1	0	4	3	0	29	1	0	6.3	12.8	89.3	3	62.0	often	84.1	65.1	74.6	24.0	14.0	19.0	0	0	30
May	4	1	9	0	4	1	8	4	0	31	0	0	6.5	10.7	84.0	often	61.0	31	82.3	64.4	73.3	20.3	13.0	17.9	0	0	31
June	14	1	4	1	3	0	7	0	0	30	0	0	4.7	8.9	83.0	11	62.0	often	79.7	63.7	71.7	20.0	12.0	16.0	0	1	29
July	2	5	3	0	1	4	5	10	1	29	1	0	3.4	4.3	82.6	1	58.5	28	78.4	62.5	70.5	20.3	11.2	15.9	1	0	30
August	0	10	0	5	0	3	0	13	0	31	0	0	2.7	3.1	82.0	2	57.5	13	78.6	62.1	70.3	21.0	7.0	16.5	0	0	31
September	0	4	0	3	0	5	0	18	0	30	0	0	2.5	3.6	83.0	often	59.0	2,6	80.5	62.1	71.3	23.0	10.0	18.4	2	0	28
October	0	6	0	3	0	6	0	16	0	31	0	0	2.0	2.5	83.5	5,13	60.5	7	81.5	63.2	72.3	21.5	13.5	18.2	0	0	31
November	4	7	0	7	0	4	0	8	0	30	0	0	3.1	3.8	86.0	12,13	60.0	12,27	82.4	62.6	72.5	26.0	14.6	19.8	0	1	29
December	0	6	0	7	0	8	0	10	0	31	0	0	3.8	5.1	88.0	8	58.0	25	82.8	63.7	73.3	25.0	13.0	19.1	0	6	25
Year	50	44	39	34	17	33	58	90	1	360	5	0	4.8	7.8	89.3	April 3	57.5	Aug. 13	82.3	63.7	73.0	26.0	7.0	18.5	3	8	-

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KABALE 2ND ORDER STATION, 1948.

Lat.: 1°15'S Long.: 29°59'E Alt.: 6138 ft. Standard Time 3h 00m East. Ref. No. 91.29/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall	Date	Rain	Thun-der.
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.			
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	24.094	24.029	52.5	71.2	51.9	56.4	.390	.458	.009	.313	98	59	9.2	8.6	0	0	3	7	21	92.2	3.63	1.48	28	11	14
February	24.102	24.008	53.2	71.9	52.5	57.0	.399	.470	.011	.321	98	60	8.8	8.4	0	0	3	12	14	67.1	2.64	1.00	21	12	13
March	24.108	24.040	53.7	71.3	52.9	56.5	.405	.461	.011	.313	97	60	8.5	8.4	0	1	4	9	17	86.1	3.39	0.71	9	13	9
April	24.096	24.034	55.9	70.3	54.5	57.8	.428	.484	.024	.266	95	65	9.4	8.6	0	0	1	10	19	108.2	4.26	0.88	10	15	13
May	24.129	24.070	55.9	71.1	55.2	58.2	.440	.490	.012	.281	98	64	9.2	8.3	0	0	1	11	19	47.5	1.87	0.48	15	14	10
June	24.156	24.099	53.1	69.3	52.2	54.6	.393	.431	.015	.293	97	60	7.3	7.9	0	6	3	8	13	7.9	0.31	0.19	16	4	4
July	24.135	24.076	52.4	70.8	50.2	51.2	.366	.381	.033	.381	92	50	7.4	8.2	1	5	5	12	8	10.2	0.40	0.28	12	2	2
August	-	-	54.1	70.9	52.0	53.6	.393	.416	.029	.349	93	55	7.1	8.4	0	5	7	10	9	13.5	0.53	0.25	2	6	5
September	-	-	54.9	70.4	53.5	55.0	.413	.440	.024	.310	95	59	8.9	8.3	0	1	1	12	16	134.1	5.28	1.24	12	15	17
October	-	-	56.3	69.6	54.0	56.6	.422	.464	.036	.268	92	64	7.8	8.3	1	2	4	15	9	66.5	2.62	0.44	29	14	13
November	-	-	54.2	69.4	53.1	56.9	.408	.470	.017	.259	97	65	9.2	8.8	0	0	0	17	13	91.4	3.60	1.14	19	21	12
December	-	-	55.0	70.2	53.1	55.7	.408	.449	.029	.298	93	61	8.6	9.2	0	1	3	12	15	42.7	1.68	0.32	9	14	11
Year	-	-	54.3	70.5	52.9	55.8	.405	.451	.021	.304	95	60	8.5	8.5	2	21	35	135	173	767.4	30.21	1.48	Jan. 28	141	123

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at									Frequency of Wind Force at 8.30			Mean Wind Velocity		Extremes of Temperatures of the Air							Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	8+	8.30	14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. Min.	Mean Max. Min.	Fog	Mist	Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.			
January	2	2	4	9	2	2	1	9	0	31	0	0	2.2	4.7	79.0	16	45.3	9	74.4	49.5	61.9	31.2	19	5	7
February	1	3	7	4	3	3	2	9	0	29	0	0	2	5.4	81.4	15	45.4	6	74.6	49.8	62.2	32.6	9	1	19
March	3	2	2	6	2	3	3	9	1	30	0	0	2.0	5.4	82.0	4	46.5	17	74.7	49.7	62.2	32.6	13	4	14
April	2	2	2	7	1	0	1	15	0	30	0	0	2.8	7.8	77.9	1	47.7	11	73.1	52.1	62.6	38.0	9.8	21.0	10	2	18
May	1	5	4	7	5	3	4	2	2	29	0	0	2.0	4.6	75.7	2	47.8	12	72.9	52.2	62.5	34.8	9.7	20.7	18	2	11
June	2	1	2	7	1	1	3	8	5	25	0	0	2.2	6.3	74.5	15	40.4	24	71.3	48.8	60.1	30.8	15.6	22.5	11	5	14
July	0	0	6	2	0	3	2	13	5	28	0	0	2.0	7.2	76.1	10	43.9	7	72.8	48.2	60.5	32.1	13.7	23.9	1	13	14
August	2	1	5	3	2	2	1	13	2	29	0	0	2.0	7.6	78.8	28	44.5	1	73.6	49.5	61.5	33.6	13.7	24.1	3	21	7
September	2	3	2	5	2	3	5	5	3	27	0	0	2.0	6.3	79.3	7	44.6	16	74.0	50.6	62.3	33.9	13.4	23.4	13	1	16
October	1	0	2	11	4	3	3	1	6	25	0	0	1.8	6.3	77.3	25	46.2	4	73.4	50.2	61.8	29.8	14.7	23.2	7	2	22
November	0	3	2	3	4	1	2	1	14	16	0	0	1.3	6.7	76.4	13	46.5	19	72.6	49.1	60.9	27.7	17.2	23.8	13	2	15
December	4	0	7	1	1	3	2	2	11	20	0	0	1.8	5.8	79.5	26	45.8	3	73.1	50.5	61.8	30.5	13.0	22.6	6	13	12
Year	20	22	45	65	22	27	29	87	49	317	0	0	1.9	6.4	83.0	March 4	40.4	June 24	73.4	50.1	61.7	33.8	9.7	23.3	126	71	169

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KULULU HILL, KAMPALA, 1948.

Lat.: 0°20'N Long.: 32°36'E Alt.: 4304 ft. Standard Time 3h 00m East. Ref. No. 89.32/10.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total ms.	Rainfall Total ins.	Max. Fall in 24 hrs ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	25.688	25.611	68.0	80.1	62.4	60.7	.570	.527	.[illegible]	.502	84	52	7.3	7.2	0	3	6	16	6	58.9	2.32	0.67	28	7	17
February	25.691	25.614	68.8	80.9	62.9	61.6	.579	.553	.[illegible]	.511	81	52	7.5	7.0	0	2	7	15	5	33.0	1.30	0.66	24	6	14
March	25.694	25.626	68.4	79.4	63.8	62.9	.597	.[illegible]	.[illegible]	.437	85	57	8.[illegible]	7.4	0	0	7	17	7	82.5	3.25	0.58	18	12	18
April	25.664	25.623	68.1	76.9	64.4	64.7	.611	.[illegible]	.[illegible]	.316	88	66	8.5	8.2	0	0	5	16	9	182.9	7.20	1.86	9	16	24
May	25.721	25.679	67.6	[illegible]	64.[illegible]	65.5	.[illegible]	.[illegible]	.[illegible]	.260	90	71	8.1	7.5	0	1	3	23	4	131.1	5.16	1.02	29	12	27
June	25.762	25.715	65.5	79.0	62.[illegible]	62.9	[illegible]	.[illegible]	.[illegible]	.242	[illegible]	73	7.8	7.8	0	3	5	18	4	54.6	2.14	0.60	16	16	21
July	25.738	25.688	64.5	74.2	62.[illegible]	[illegible]	[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible]	68	8.8	8.0	0	1	3	13	14	22.4	0.88	0.71	16	5	25
August	25.735	25.685	64.5	74.2	62.[illegible]	[illegible]	[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible]	67	8.2	7.7	0	2	1	21	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	25.724	25.653	64.9	74.0	62.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	8.[illegible]	8.1	0	0	6	15	9	114.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	25.715	25.635	66.7	75.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]	[illegible]	66	8.[illegible]	8.2	0	2	1	23	5	152.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	25.709	25.626	67.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65	6.3	7.4	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	[illegible]	25.629	67.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.5	7.5	0	2	7	13	9	83.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Year	[illegible]	25.649	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.9	7.7	0	23	58	203	82	1112.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

@ [illegible] corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Winds at 8.30h [illegible]	[illegible]	[illegible]	Mean Wind Velocity at 8.30h m.p.h.	[illegible]	Mean Temperatures at the 9 a.m. Max.	Date	Min.	Date	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Frequency of Rain	[illegible]	[illegible]
January	[illegible]	1	4	[illegible]	4	[illegible]	[illegible]	[illegible]	2	[illegible]	3	[illegible]	6.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.0	7.8	19.7	0	3	[illegible]
February	[illegible]	0	0	[illegible]	9	[illegible]	[illegible]	3	1	[illegible]	6	[illegible]	9.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.6	15.1	19.2	0	0	[illegible]
[illegible]	[illegible]	0	[illegible]	[illegible]	12	[illegible]	[illegible]	2	0	[illegible]	3	0	8.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.5	9.2	18.2	1	0	[illegible]
[illegible]	[illegible]	0	[illegible]	[illegible]	5	[illegible]	[illegible]	3	0	[illegible]	1	0	6.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.1	8.0	16.6	0	1	[illegible]
[illegible]	[illegible]	3	[illegible]	[illegible]	9	[illegible]	[illegible]	3	0	[illegible]	4	0	8.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.0	10.2	14.9	1	1	[illegible]
[illegible]	[illegible]	8	[illegible]	[illegible]	3	[illegible]	[illegible]	1	0	[illegible]	8	0	9.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.0	9.6	14.3	1	3	[illegible]
July	[illegible]	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	0	[illegible]	6	0	8.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.6	8.5	15.8	4	2	[illegible]
August	[illegible]	8	[illegible]	[illegible]	3	[illegible]	[illegible]	2	0	[illegible]	11	0	9.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.1	5.8	16.9	3	2	[illegible]
September	[illegible]	4	[illegible]	2	[illegible]	[illegible]	2	5	0	[illegible]	7	0	8.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.7	9.6	18.4	0	0	[illegible]
October	11	5	2	1	4	[illegible]	2	6	0	[illegible]	7	0	8.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.3	12.7	18.2	0	0	[illegible]
November	10	8	0	1	1	1	[illegible]	6	0	[illegible]	7	0	9.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
December	1	9	4	[illegible]	3	2	[illegible]	6	0	[illegible]	13	0	11.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	7	[illegible]
Year	[illegible]	56	[illegible]	32	55	41	[illegible]	47	3	[illegible]	76	0	8.7	[illegible]	91.4	2	56.5	28	80.4	63.0	71.7	25.5	5.8	17.4	10	19	[illegible]

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KITGUM 2ND ORDER STATION, 1948.

Lat.: 3°17'N Long.: 32°53'E Alt.: 3075 ft. Standard Time 3h 00m East. Ref. No. 86.32/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall		Rain	Thunder.
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	67.2	90.9	57.0	55.9	.470	.452	.203	1.016	70	31	4.6	6.0	1	13	7	9	1	12.7	0.50	0.35	29	4	2
February	-	-	69.8	92.9	58.4	53.5	.493	.413	.242	1.147	68	27	4.9	6.3	1	11	8	8	1	26.4	1.04	0.97	23	2	3
March	-	-	70.4	90.2	61.1	57.9	.543	.487	.210	.945	72	34	7.0	7.0	0	2	8	19	2	46.2	1.82	1.04	6	8	9
April	-	-	71.9	88.4	64.6	60.7	.614	.537	.177	.818	78	40	7.4	7.5	0	3	4	20	3	110.2	4.34	1.23	28	11	12
May	-	-	70.1	85.3	66.3	66.1	.656	.647	.088	.581	88	53	5.9	6.8	0	7	7	16	1	93.7	3.69	1.12	15	17	27
June	-	-	67.8	81.2	65.5	66.4	.635	.656	.053	.419	93	61	7.4	7.2	0	3	6	15	6	223.0	8.78	2.05	26	20	21
July	-	-	66.4	81.6	64.8	66.2	.620	.650	.036	.440	94	60	6.8	6.6	0	4	11	8	8	125.7	4.95	0.92	25	19	20
August	-	-	66.4	82.8	64.8	66.7	.620	.661	.036	.470	95	59	7.1	6.8	0	4	9	9	9	138.2	5.44	1.04	27	22	22
September	-		66.7	83.5	65.1	66.9	.626	.667	.035	.491	95	58	6.6	6.4	0	5	7	13	5	76.7	3.02	0.92	4	15	17
October	-	-	67.2	84.4	64.6	64.8	.617	.620	.056	.573	92	52	6.7	6.5	0	4	10	10	7	162.3	6.39	1.18	25	21	18
November		-	66.0	86.0	62.2	60.2	.567	.526	.080	.729	88	42	5.2	6.0	0	10	8	10	2	43.2	1.70	0.40	19	9	7
December	-	-	66.3	89.6	59.0	55.1	.505	.440	.148	.966	78	31	7.6	7.5	0	2	4	21	4	9.4	0.37	0.31	16	3	0
Year	-		68.0	86.4	62.8	61.7	.620	.563	.114	.716	84	46	6.4	6.7	2	68	89	158	49	1067.7	42.04	3.05	June 26	151	158

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	5	1	16	6	1	0	1	1	0	31	0	0	5.8	9.8	95.6	14,15	54.1	2	92.9	59.1	76.0	39.2	23.3	33.8	0	7	24
February	5	5	10	4	2	2	1	0	0	28	1	0	7.4	12.5	98.3	14	57.0	6	94.5	62.2	78.3	39.5	16.1	32.3	0	2	27
March	0	5	13	6	2	4	0	1	0	31	0	0	5.6	11.6	99.4	26	58.4	25	92.4	63.8	78.1	40.2	6.4	28.6	0	0	31
April	1	5	13	6	1	3	0	1	0	30	0	0	7.4	12.1	98.8	3	62.3	14	90.6	65.8	78.2	35.7	9.9	24.7	0	0	30
May	0	3	16	5	3	4	0	0	0	31	0	0	5.8	9.4	90.5	14	61.9	11	87.5	64.3	75.9	27.3	18.2	23.3	0	0	31
June	2	3	12	4	5	2	1	1	0	30	0	0	5.8	7.8	89.2	5	59.0	17	85.0	63.6	74.3	26.0	11.4	21.4	0	0	30
July	1	5	17	3	1	3	1	0	0	31	0	0	6.7	8.5	87.8	7	59.0	26	84.4	62.3	73.3	27.0	16.8	22.1	0	0	31
August	0	6	17	7	0	1	0	0	0	31	0	0	6.5	9.8	88.0	12,27	59.8	5,11	84.9	62.2	73.5	27.0	18.7	22.8	1	0	30
September	1	8	15	2	1	2	0	1	0	28	2	0	6.5	8.9	91.0	18	58.4	30	86.6	61.5	74.1	31.6	20.0	25.0	0	0	30
October	0	4	16	2	1	5	0	3	0	31	0	0	5.6	10.5	91.0	often	57.0	1,3	88.3	61.1	74.7	34.0	14.8	27.2	0	2	29
November	0	7	16	5	0	2	0	0	0	29	1	0	6.0	13.9	92.6	13	53.4	12	89.7	57.8	73.7	37.6	25.0	31.8	0	0	30
December	2	2	18	2	0	2	3	2	0	28	3	0	6.9	13.9	93.2	20	50.2	27	91.4	57.5	74.5	41.8	26.9	33.9	0	0	31
Year	17	54	179	52	17	30	7	10	0	359	7	0	6.3	10.7	99.4	March 26	50.2	Dec. 27	89.0	61.8	75.4	41.8	6.4	27.2	1	11	354

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LIRA 2ND ORDER STATION, 1948.

Lat.: 2°15'N Long.: 32°54'E Alt.: 3560 Ft. Standard Time 3h 00m East. Ref. No. 87.32/11.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	69.3	89.9	61.3	65.5	.549	.635	.179	.785	76	45	4.2	5.0	0	14	17	0	0	1.8	0.07	0.07	27	1	0
February	-	-	71.0	91.6	61.0	63.0	.543	.585	.225	.912	71	39	4.3	5.0	0	7	22	0	0	10.9	0.43	0.28	23	3	0
March	-	-	73.3	88.5	62.0	62.4	.561	.570	.266	.788	68	42	6.0	6.0	0	0	21	10	0	28.2	1.11	0.54	6	5	0
April	-	-	73.5	85.9	65.9	63.4	.644	.585	.189	.964	77	47	7.3	7.8	0	2	1	24	2	98.8	3.89	1.26	18	10	0
May	-	-	70.9	81.9	66.7	67.5	661	.679	.104	.420	87	62	7.4	7.7	0	1	6	23	1	244.1	9.61	1.46	25	18	0
June	-	-	67.5	77.6	65.3	67.4	.629	.676	.050	.281	92	71	8.0	7.9	0	0	3	24	3	139.4	5.49	0.66	3,5	20	12
July	-	-	66.0	78.4	60.9	65.6	.599	.638	.048	.342	93	65	6.8	6.9	0	6	10	9	6	113.0	4.45	0.89	6	13	15
August	-	-	67.1	78.9	63.4	65.6	.591	.638	.079	.360	88	64	8.1	8.1	0	0	5	19	7	383.2	14.30	1.77	7,23	15	15
September	-	-	68.1	80.4	63.6	66.5	.594	.656	.100	.392	86	65	7.8	8.2	0	0	5	20	5	310.9	12.24	2.09	28	15	0
October	-	-	69.1	82.1	64.3	65.4	.608	.632	.110	.475	85	57	7.9	8.0	0	0	8	13	10	288.5	8.21	2.99	19	14	8
November	-	-	68.6	83.9	64.2	64.8	.605	.620	.101	.555	86	58	6.7	7.2	0	0	14	16	0	134.9	5.31	1.77	20	9	6
December	-	-	68.1	85.2	62.8	65.5	.579	.644	.115	.579	84	53	5.5	5.2	0	5	17	8	0	9.0	0.00	0.00	-	0	1
Year	-	-	69.2	84.7	65.1	65.2	.597	.630	.130	.546	83	55	6.7	6.9	0	35	128	165	39	2654.7	65.11	2.99	Oct. 19	23	65

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	≥8	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max.	Min.	Range Mean	Fog	Mist	Smoke Haze
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	4	0	23	1	1	0	2	0	0	31	0	0	3.1	8.1	95.0	3,30	55.0	2	91.8	62.2	77.0	38.0	20.0	29.0	0	16	15
February	1	3	15	4	1	0	4	1	0	29	0	0	2.5	8.5	96.0	19	59.0	9	93.0	63.1	78.1	36.0	22.0	29.9	0	9	20
March	0	2	17	0	0	0	3	0	9	22	0	0	2.0	7.2	99.0	26	60.0	16	91.1	64.1	77.6	36.0	14.0	27.0	0	2	25
April	1	2	9	0	1	0	0	0	16	13	0	0	2.7	4.9	98.0	2	62.0	28	88.3	65.7	77.0	31.5	4.0	22.6	0	2	27
May	1	0	8	0	1	0	0	0	21	10	0	0	1.1	5.6	90.0	1,3	61.5	20	83.9	64.4	74.1	28.0	13.0	19.5	0	1	30
June	0	2	8	5	2	0	5	1	7	23	0	0	2.5	3.1	84.0	27	59.0	24	78.7	60.0	71.3	22.5	7.1	16.7	0	0	30
July	3	0	12	2	4	0	6	1	3	28	0	0	2.7	4.5	83.0	27	59.0	often	79.9	62.0	70.9	25.0	13.5	17.9	0	4	27
August	4	1	9	0	11	0	5	1	0	31	0	0	6.7	11.9	84.0	31	61.0	often	81.6	62.3	71.9	27.0	15.0	19.2	0	0	31
September	5	3	8	2	6	0	5	1	0	30	0	0	5.6	12.8	85.0	often	61.0	often	83.3	62.9	73.1	26.0	17.6	20.3	0	0	30
October	8	2	8	4	5	0	3	1	0	31	0	0	4.3	11.2	86.0	3	61.0	21,23	83.6	63.1	73.3	23.0	16.0	20.5	0	0	31
November	10	0	3	3	8	1	2	3	0	30	0	0	4.3	13.2	88.0	often	58.0	28	85.3	63.0	74.3	21.0	20.0	22.5	0	0	30
December	9	1	5	3	6	0	4	2	0	29	1	0	6.7	15.0	89.0	19,20	56.0	31	86.8	61.1	73.8	24.0	22.0	25.8	0	0	30
Year	46	16	125	24	46	1	39	11	56	307	1	0	3.7	8.8	99.0	26 March	55.0	2 Jan.	85.7	63.1	74.4	38.0	1.0	22.6	0	54	330

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MASINDI 2ND ORDER STATION, 1948.

Lat : 1°41'N Long.: 31°43'E Alt.: 3760 ft. Standard Time 3h 00m East. Ref. No. 88.31/03.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall		Rain	Thunder
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs. ins.	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	26.169	26.075	68.7	84.9	60.1	55.1	.526	.440	.183	.771	74	36	2.5	3.3	18	5	2	3	3	3.8	0.15	0.08	25	2	0
February	26.164	26.078	69.8	87.5	60.3	56.1	.529	.455	.206	.859	72	35	3.0	5.2	2	16	9	1	1	27.4	1.08	0.92	21	2	0
March	26.169	26.090	70.4	85.6	61.6	57.8	.555	.484	.195	.756	74	39	4.1	5.4	4	13	5	5	4	73.7	2.90	0.68	5	9	1
April	26.158	26.090	69.7	82.5	63.4	63.3	.591	.588	.141	.534	81	53	6.2	7.2	3	6	6	4	10	154.4	6.08	2.48	18	10	0
May	26.199	26.140	69.8	79.9	64.6	65.6	.614	.635	.121	.396	84	62	5.7	7.7	0	8	10	5	7	93.2	3.67	0.78	20	11	0
June	26.237	26.181	66.7	76.7	63.6	64.0	.594	.602	.070	.325	90	65	8.1	8.7	0	4	4	4	18	111.5	4.39	0.92	17	12	0
July	26.226	26.178	65.3	77.1	62.5	63.0	.573	.582	.059	.357	91	62	6.8	7.4	2	7	3	3	16	190.0	7.48	1.64	23	13	0
August	26.234	26.196	65.6	76.7	64.0	64.0	.602	.602	.033	.325	95	65	7.7	7.5	2	1	4	12	12	109.2	4.30	0.69	4	17	2
September	26.226	26.158	66.7	76.2	63.1	64.9	.582	.623	.079	.290	88	68	8.2	7.7	0	0	5	11	13	117.6	4.63	1.24	25	13	0
October	26.199	26.143	67.2	75.5	63.9	64.9	.599	.620	.074	.272	89	69	8.1	7.9	0	1	5	11	14	130.8	5.15	1.26	29	16	0
November	26.202	26.128	69.5	73.2	66.6	66.5	.659	.656	.070	.171	90	79	6.5	8.2	0	2	9	15	3	106.9	4.21	1.85	20	8	0
December	26.184	26.125	67.7	80.1	61.4	66.1	.552	.650	.133	.389	81	63	6.6	7.3	3	0	1	27	0	0.0	0.00	0.00	-	3	0
Year	26.197	26.132	68.1	79.7	62.9	62.6	.581	.578	.114	.454	84	58	6.1	6.9	34	63	63	101	101	1118.5	44.04	2.48	Apr.18	113	3

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max - Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	2	1	2	3	1	2	6	14	0	30	1	0	4.5	11.6	94.6	31	60.0	11	87.7	63.2	75.5	29.5	18.1	24.5	0	9	22
February	1	0	2	9	0	6	4	7	0	29	0	0	5.4	10.3	91.0	17	61.0	14	90.3	63.9	77.1	31.8	19.8	26.3	0	1	28
March	2	2	2	6	1	5	4	8	1	30	0	0	4.7	10.6	94.0	26	59.3	10	88.3	63.5	75.9	32.9	16.3	24.8	0	1	30
April	0	1	1	11	4	3	4	0	5	23	1	0	2.9	9.3	91.0	2	60.0	19,22	85.4	64.0	74.7	34.0	8.2	21.5	0	3	26
May	0	1	10	4	6	3	5	1	0	30	0	0	3.1	5.4	87.0	often	61.0	4	83.5	64.0	73.7	25.0	10.1	19.4	0	1	29
June	1	2	7	4	3	2	8	3	0	30	0	0	2.2	5.0	86.0	3,7	59.6	20	80.6	62.6	71.6	22.9	10.2	18.0	1	1	28
July	4	0	4	2	6	1	11	3	0	31	0	0	3.1	4.9	83.2	1	57.8	28	79.3	61.5	70.4	25.2	10.2	17.8	0	7	24
August	8	0	9	5	2	0	7	0	0	31	0	0	2.7	4.0	84.0	25	58.5	5	80.1	61.9	71.0	25.0	13.0	18.2	0	3	28
September	6	2	6	2	2	2	9	0	0	28	1	0	3.4	2.9	89.0	15	57.8	6	81.0	60.9	70.9	24.5	14.0	20.1	0	4	25
October	3	2	7	1	4	0	14	0	0	31	0	0	2.5	2.7	85.0	13	59.0	24	81.3	62.0	71.7	24.1	10.0	19.3	0	2	29
November	3	0	7	2	1	0	16	0	0	29	0	0	2.9	3.8	86.0	11,12	58.5	12	83.3	61.9	72.6	27.5	16.9	21.3	0	0	29
December	2	0	15	1	0	0	13	0	0	31	0	0	3.1	2.9	88.5	10,24	58.0	22	84.5	61.9	73.2	29.5	15.0	22.6	0	3	28
Year	32	11	72	50	30	24	101	36	6	353	3	0	3.4	6.1	95.6	March 26	57.8	Jul.28 Sep.6	83.8	62.6	73.2	34.0	8.2	21.1	1	35	326

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBALE 2ND ORDER STATION, 1948.

Lat.: 1°06'N Long.: 34°11'E Alt.: 4003 ft. Standard Time 3h 00m East. Ref. No. 88.34/02.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall		Rain	Thunder
			8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	ins.	ins.	in 24hrs	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	70.2	81.4	61.4	62.0	.549	.561	.198	.523	74	52	3.3	7.9	11	5	7	6	0	5.8	0.23	0.08	20,25	3	0
February	-	-	72.6	82.2	61.2	61.8	.546	.558	.263	.552	67	50	3.7	7.8	8	6	9	6	0	30.5	1.20	0.60	23	5	2
March	-	-	71.4	79.7	63.3	62.6	.588	.573	.189	.452	76	56	4.2	8.0	5	10	9	7	0	51.3	2.02	0.74	16	11	5
April	-	-	71.9	81.6	64.4	63.8	.611	.599	.180	.491	78	55	5.4	8.3	3	8	6	12	1	129.0	5.08	1.51	22	16	16
May	-	-	71.1	79.5	65.4	65.6	.632	.638	.139	.381	82	63	6.3	9.0	0	8	7	14	2	161.0	6.34	1.37	27	23	30
June	-	-	68.8	76.0	63.4	63.3	.591	.588	.121	.319	83	65	7.0	9.2	0	4	3	16	5	126.5	4.98	1.28	23	17	21
July	-	-	68.1	75.6	63.3	65.4	.588	.632	.106	.263	85	71	7.2	9.0	0	6	2	21	2	106.4	4.19	1.44	15	18	19
August	-	-	68.1	74.5	63.0	64.1	.582	.605	.112	.257	84	71	6.4	9.2	0	6	4	17	2	108.5	4.27	0.75	18	21	24
September	-	-	70.5	76.6	62.9	64.9	.582	.623	.171	.301	77	68	5.6	9.0	0	9	5	14	0	176.8	6.96	1.37	2	18	21
October	-	-	72.2	75.7	64.3	64.9	.611	.623	.186	.275	77	69	6.5	9.0	0	3	7	20	0	105.7	4.16	0.57	9	20	20
November	-	-	71.0	80.2	63.6	63.6	.594	.594	.174	.448	76	57	6.3	8.5	0	3	9	17	0	16.0	0.63	0.17	22	7	11
December	-	-	71.0	84.0	60.6	59.6	.535	.517	.233	.661	70	44	6.5	7.9	2	3	6	16	1	5.8	0.23	0.19	3	2	5
Year	-		75.1	78.9	62.1	63.5	.584	.593	.173	.410	77	60	5.7	8.6	29	71	74	166	13	1023.5	40.29	1.51	April 22	161	172

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	3	4	-	2	3	2	8	5	0	29	0	0	3.8	8.1	96.8	31	57.0	8	84.1	60.6	72.3	37.0	29.2	33.5	0	5	25
February	6	4	-	2	2	2	-	7	0	29	0	0	4.0	8.3	99.0	20	57.0	9	84.8	61.5	73.1	38.2	28.6	33.5	0	0	29
March	6	5	4	1	2	1	5	8	0	31	0	0	3.6	8.1	96.8	often	56.0	11,15	82.6	61.4	72.0	39.2	23.0	31.3	0	0	31
April	3	3	1	2	1	6	-	5	4	26	0	0	3.6	6.9	98.6	2	59.0	6	87.9	62.7	75.3	36.6	14.0	25.2	0	0	30
May	1	-	1	2	0	2	-	8	4	27	0	0	2.0	4.3	87.8	1	59.0	20,28	83.6	62.1	72.9	26.0	16.6	21.5	0	1	30
June	1	-	0	3	2	3	1	4	7	21	0	0	2.2	3.6	86.0	2	59.0	often	81.0	61.4	71.2	23.4	14.4	19.6	0	0	28
July	3	5	0	2	1	6	3	6	5	26	0	0	2.0	4.5	84.2	7	58.0	19,26	80.5	61.4	70.9	25.2	13.2	19.1	0	0	31
August	7	5	1	3	1	2	3	5	2	27	0	0	2.9	4.9	84.2	26	57.0	often	80.9	60.1	70.5	26.7	15.0	20.8	0	0	29
September	3	10	1	1	0	2	2	7	2	26	0	0	2.7	6.0	88.2	30	57.1	16	85.1	60.1	71.6	28.0	16.8	22.9	0	0	28
October	5	5	-	1	4	4	2	6	0	30	0	0	2.5	6.3	87.8	22	58.0	3,21	82.7	61.9	71.9	28.8	15.8	21.6	0	0	30
November	4	3	1	2	1	2	-	9	0	29	0	0	2.0	4.3	89.6	13	57.0	5,25	84.0	60.0	72.0	31.6	18.6	24.1	0	0	29
December	2	4	1	2	0	6	4	7	2	26	0	0	2.0	5.1	89.8	18	57.0	3	86.8	60.2	73.5	29.8	21.2	26.6	0	2	26
Year	44	61	19	23	17	38	48	77	26	327	0	0	2.8	5.9	99.0	Feb. 20	56.0	March 11,13	86.0	61.0	73.5	39.2	13.2	24.9	0	7	346

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBARARA 2ND ORDER STATION, 1943.

Lat.: 0°37'S Long.: 30°39'E Alt.: 4734 ft. Standard Time 3h 00m East. Ref. No. 90.30/0:

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall		Rain	Thunder.
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24 hrs	Date		
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	–	–	63.6	78.5	58.9	58.3	.502	.490	.092	.493	84	50	5.5	7.5	4	6	6	11	4	25.9	1.02	0.40	23	13	0
February	–	–	64.9	79.2	58.9	58.2	.502	.490	.121	.517	81	49	6.9	7.4	1	4	4	14	6	25.9	1.02	0.24	20	12	0
March	–	–	64.2	78.2	60.6	60.9	.535	.540	.070	.435	88	56	7.5	7.2	0	3	3	17	8	131.8	5.19	1.74	12	13	0
April	–	–	65.8	76.0	61.2	61.8	.546	.558	.095	.349	85	62	7.4	7.8	0	2	5	16	7	102.4	4.03	1.25	9	14	0
May	–	–	65.5	76.4	61.5	62.5	.552	.570	.083	.348	87	62	6.7	7.9	1	3	8	15	4	130.0	5.12	1.18	19	16	0
June	–	–	63.3	74.3	58.7	61.1	.499	.543	.089	.313	85	64	5.2	8.0	2	6	11	8	3	77.2	3.04	2.31	16	6	0
July	–	–	62.4	76.5	59.2	60.1	.508	.526	.062	.395	89	57	5.0	7.1	6	6	5	11	3	13.5	0.53	0.42	11	4	0
August	–	–	62.7	76.3	59.0	58.3	.505	.493	.071	.422	88	54	6.4	7.5	1	6	5	14	5	47.5	1.87	1.48	2	8	0
September	–	–	64.3	74.7	60.0	58.9	.523	.502	.085	.366	86	58	6.2	7.9	1	8	2	16	3	133.6	5.26	1.30	24	17	0
October	–	–	65.5	75.3	59.9	60.3	.523	.529	.112	.357	83	60	6.4	7.6	0	4	10	13	4	47.5	1.87	0.72	30	14	0
November	–	–	64.5	74.6	60.6	61.4	.535	.549	.076	.316	87	64	7.6	7.6	0	2	4	20	4	116.8	4.60	1.09	18	15	0
December	–	–	64.8	76.2	59.8	59.5	.520	.514	.100	.399	84	56	6.8	7.6	1	3	7	14	6	58.7	2.31	0.55	13	11	0
Year	–	–	64.3	76.3	59.9	60.1	.521	.525	.088	.393	85	58	6.5	7.6	17	53	70	169	57	910.8	35.86	2.31	June 16	143	0

@.At station level: corrected for Temperature and to standard gravity

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30h		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	1	5	3	2	5	10	3	2	0	30	1	0	5.8	8.3	85.5	10	54.5	30	81.2	58.9	70.1	30.2	14.1	22.3	0	17	14
February	1	6	4	1	3	6	6	2	0	28	1	0	6.7	8.9	88.8	15	54.0	22	82.9	59.1	71.0	31.4	9.7	23.8	0	13	16
March	0	5	3	4	6	7	5	1	0	30	1	0	6.3	8.9	86.8	27	57.2	31	81.1	59.7	70.4	27.0	7.2	21.4	1	5	25
April	2	5	3	3	10	2	5	0	0	30	0	0	5.6	8.5	86.3	3	56.6	30	78.6	60.5	69.5	27.4	8.0	18.1	0	2	28
May	1	4	6	4	7	3	5	1	0	31	0	0	5.4	9.2	83.8	1	56.5	17	78.6	59.9	69.3	25.1	10.0	18.7	0	0	31
June	1	1	5	13	1	3	3	3	0	30	0	0	6.9	9.2	81.0	11	53.0	24	77.0	58.1	67.5	25.2	8.3	16.9	0	14	16
July	1	4	2	4	8	7	2	3	0	31	0	0	6.3	9.4	81.7	8	53.5	4	78.5	57.8	68.1	26.4	13.9	20.7	0	31	0
August	2	3	0	7	8	2	7	2	0	31	0	0	5.8	10.1	83.5	25,27	54.0	25	78.8	58.2	68.5	29.5	10.9	20.5	0	19	12
September	0	1	4	5	3	9	5	3	0	30	0	0	6.7	10.7	84.0	13	53.5	16	78.1	58.6	68.3	28.9	4.0	19.6	0	5	25
October	4	6	4	1	2	8	5	1	0	31	0	0	6.9	9.4	83.0	25	54.5	2	78.3	58.6	68.5	25.5	11.4	19.7	0	0	31
November	2	3	2	2	6	4	7	4	0	30	0	0	6.7	10.5	83.5	13	54.5	19	78.4	58.0	68.2	24.2	15.6	20.4	0	1	29
December	0	3	0	3	6	5	12	2	0	31	0	0	7.2	9.2	84.4	9	56.0	17,26	78.9	59.4	69.1	26.0	10.7	19.5	0	8	23
Year	15	46	36	49	65	66	65	24	0	363	3	0	6.3	9.3	88.8	Febr. 15	53.0	June 24	79.2	58.9	69.0	31.4	4.0	20.3	1	115	250

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOROTO, 1948.

Lat.: 2°33'N Long.: 34°36'E Alt.: 5000 ft. Standatd Time 3h 00m East. Ref. No. 87.34/00.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Total ins.	Max. Fall in 24hrs	Date	Days of Rain	Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	–	–	72.4	85.1	55.4	51.3	.443	.381	.360	.839	55	31	2.8	5.5	6	14	9	2	0	0.0	0.00	0.00	–	0	1
February	–	–	74.3	86.7	57.1	52.1	.473	.393	.383	.889	55	31	3.4	5.5	4	13	7	4	1	7.4	0.29	0.20	20	3	0
March	–	–	73.8	84.3	58.1	52.6	.490	.402	.352	.785	58	34	4.5	6.4	2	12	9	6	2	47.0	1.85	1.49	6	5	1
April	–	–	71.7	82.7	60.4	58.0	.532	.487	.254	.644	68	43	5.4	6.8	0	11	9	7	3	145.8	5.74	1.27	29	8	0
May	–	–	70.2	78.3	63.7	62.8	.597	.579	.150	.398	80	59	2.9	6.3	0	23	3	5	0	152.1	5.99	1.79	13	13	0
June	–	–	67.0	77.2	62.5	63.4	.570	.591	.097	.354	85	63	4.5	8.0	0	13	7	9	1	124.2	4.89	2.55	9	10	0
July	–	–	65.2	76.2	61.0	61.5	.543	.552	.089	.361	87	61	6.0	7.3	1	7	7	11	5	134.4	5.29	1.93	22	13	0
August	–	–	67.7	77.0	61.4	61.5	.549	.552	.136	.384	81	59	5.3	7.1	0	10	11	10	0	62.5	2.46	0.58	9	11	0
September	–	–	70.4	80.9	61.2	59.7	.546	.517	.204	.549	73	49	3.7	6.7	0	13	14	[illegible]	0	29.2	1.15	0.50	[illegible]	6	2
October	–	–	71.2	80.9	61.6	59.8	.555	.520	.219	.546	72	49	5.0	6.9	0	10	12	5	4	160.8	6.33	1.40	9	11	7
November	–	–	71.1	80.2	59.6	58.1	.517	.490	.251	.552	67	47	4.3	6.0	0	15	9	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]
December	–	–	70.4	82.9	56.1	54.4	.455	.428	.295	.709	61	37	4.4	6.5	2	10	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	1	1	1
Year	–	–	70.5	81.0	[illegible]	57.9	.523	.491	.233	.584	70	47	[illegible]	6.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	June 9	[illegible]	[illegible]

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	≥8	Mean Wind Velocity h 8.30	Mean Wind Velocity h 14.30	Extremes of Temperature of the Air Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	[illegible]	0	0	0	0	0	0	0	[illegible]	[illegible]	0	0	[illegible]	[illegible]	[illegible]	often	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
February	[illegible]	0	0	0	[illegible]	0	[illegible]	0	10	[illegible]	0	0	[illegible]	[illegible]	92.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	[illegible]
March	16	0	0	0	1	0	1	0	13	18	0	0	1.6	4.3	94.0	28	58.0	16	86.0	61.8	73.9	32.8	11.0	24.3	0	0	31
April	6	0	0	0	0	1	0	0	23	7	0	0	0.4	3.4	93.0	3	58.5	25,30	85.6	62.8	[illegible]	[illegible]	10.0	[illegible]	0	2	[illegible]
May	5	0	0	0	4	0	0	0	22	9	0	0	0.7	1.8	85.0	often	58.0	often	81.9	59.8	70.9	27.0	11.3	22.1	0	1	30
June	0	0	0	0	[illegible]	0	0	0	27	3	0	0	0.2	1.1	82.3	5	55.0	22	[illegible]	58.2	68.9	[illegible]	13.0	21.3	[illegible]	0	30
July	4	0	1	0	3	0	0	0	23	8	0	0	0.4	1.3	83.0	13	55.2	26	79.4	57.9	68.7	25.9	14.2	21.5	0	0	31
August	14	0	0	0	2	0	0	0	15	16	0	0	1.1	2.7	83.0	often	55.5	11,23	79.3	58.1	68.7	26.0	9.0	21.2	0	0	[illegible]
September	24	0	0	0	1	0	0	0	5	25	0	0	1.6	3.1	89.5	27	55.0	17	83.1	58.9	71.0	[illegible]	15.3	24.3	0	0	30
October	13	1	0	1	4	2	1	1	8	23	0	0	1.6	2.7	89.0	2,6	56.0	3	83.9	60.0	71.9	32.5	13.5	23.9	0	0	31
November	4	1	3	2	6	4	3	0	7	23	0	0	2.5	4.3	86.0	1	54.5	12	82.7	59.5	71.1	31.0	12.5	23.2	0	0	30
December	4	1	3	2	4	1	5	0	11	20	0	0	1.8	3.6	89.7	18	52.0	31	84.5	58.9	71.7	36.0	16.0	25.6	0	0	31
Year	129	3	7	5	29	8	10	1	174	192	0	0	1.3	3.0	94.0	March 28	52.0	Dec. 31	83.5	59.7	71.6	36.0	9.0	23.7	0	3	363

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOYO, 1948.

Lat.: 3°40'N Long.: 31°44'E Alt.: 3400 ft. Standard Time 3h 00m East. Ref. No. 86.31/05.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall in 24hrs.	Date	Rain	Thunder.
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.			
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	75.3	86.9	58.9	60.5	.505	.535	.381	.758	57	41	1.5	1.3	11	16	2	2	0	15.0	0.59	0.57	22	2	0
February	-	-	75.9	88.5	58.6	56.3	.499	.458	.405	.900	55	34	2.6	2.3	2	23	2	1	1	6.1	0.24	0.11	23	4	0
March	-	-	75.7	87.2	60.3	58.0	.529	.487	.369	.815	59	38	2.5	2.9	1	21	7	2	0	34.0	1.34	0.56	6	6	0
April	-	-	73.9	85.0	65.4	65.0	.632	.623	.213	.594	75	51	4.5	3.6	0	13	8	7	2	74.4	2.93	0.78	28	16	2
May	-	-	72.8	81.9	66.2	66.7	.650	.661	.165	.441	80	60	3.0	3.1	0	19	10	1	1	181.6	7.15	2.09	27	15	4
June	-	-	69.5	78.1	65.2	66.1	.629	.647	.100	.325	87	67	6.0	4.3	0	8	6	12	4	134.1	5.28	0.93	16	19	3
July	-	-	69.1	78.1	64.8	65.5	.620	.635	.098	.337	86	65	4.5	4.2	0	14	9	6	2	79.0	3.11	1.27	17	13	4
August	-	-	69.1	77.8	65.5	66.9	.635	.667	.086	.296	89	70	5.2	4.7	0	13	8	1	9	274.6	10.81	2.67	27	21	3
September	-	-	69.2	78.5	65.2	65.1	.629	.626	.092	.360	87	64	4.0	4.5	0	16	7	3	4	149.1	5.87	1.04	28	15	0
October	-	-	69.9	78.5	64.6	65.5	.614	.635	.127	.351	83	65	4.5	3.3	0	14	9	3	5	178.3	7.02	1.42	13	18	0
November	-	-	72.0	81.8	63.4	63.4	.591	.591	.203	.505	75	54	2.3	2.3	0	27	0	3	0	84.8	3.34	1.74	21	10	0
December	-	-	72.0	85.4	59.0	58.8	.505	.502	.289	.729	64	41	2.1	2.5	1	25	4	1	0	11.4	0.45	0.26	11	3	0
Year	-	-	72.0	82.3	63.1	63.1	.587	.589	.211	.534	75	54	3.5	3.3	15	59	72	42	28	1222.4	48.13	2.67	Aug 27	142	16

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	2	0	1	0	18	3	5	2	0	20	11	0	9.6	8.5	92.5	14	62.7	23	88.7	68.9	78.8	25.9	10.7	19.8	0	2	29
February	7	3	4	0	11	1	1	2	0	25	4	0	6.3	8.5	96.7	29	63.4	10	91.4	69.0	80.2	28.6	13.7	22.4	0	1	28
March	12	2	4	2	6	1	3	1	0	29	2	0	5.4	8.5	98.0	27	63.4	7	90.1	69.1	79.6	29.1	10.4	21.0	0	2	29
April	17	1	1	2	1	1	3	4	0	29	1	0	4.7	7.2	99.3	2	62.6	29	87.9	68.6	78.3	27.8	5.8	19.3	0	0	30
May	14	4	3	0	4	0	4	2	0	31	0	0	3.8	5.1	89.4	2	63.2	17	84.1	67.1	75.6	21.5	8.3	17.0	0	1	30
June	5	4	3	1	3	3	4	7	0	30	0	0	3.4	4.9	87.3	14	60.8	17	80.8	65.4	73.1	22.6	9.5	15.5	0	2*	28
July	8	2	0	0	12	1	6	2	0	30	1	0	4.0	4.7	84.0	7	62.0	28	79.8	64.4	72.1	21.4	11.7	15.4	0	2	29
August	2	3	3	0	13	2	6	2	0	31	0	0	3.8	4.5	84.7	27	61.6	5	80.3	64.5	72.4	21.4	12.0	15.8	0	1	30
September	1	0	2	6	15	5	1	0	0	29	1	0	3.8	6.5	85.4	18	62.2	16	80.7	64.7	72.7	22.0	7.8	16.0	0	0	30
October	7	2	0	0	9	6	5	2	0	31	0	0	4.5	4.7	85.8	1	61.0	7	81.8	65.0	73.4	21.0	5.5	16.8	0	0	31
November	8	4	2	3	5	2	6	0	0	30	0	0	3.8	5.1	87.5	13	62.7	22	84.5	65.6	75.1	22.3	11.5	18.9	0	0	30
December	1	0	4	2	9	4	11	0	0	25	6	0	6.5	9.2	89.7	2	61.2	25	86.8	66.0	76.4	24.7	15.5	20.8	0	0	31
Year	84	25	27	16	106	29	55	24	0	340	26	0	5.0	6.5	99.3	April 2	60.8	June 17	84.7	66.5	75.6	29.1	5.5	18.2	0	11	355

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MUBENDE 2ND ORDER STATION, 1948.

Lat.: 0°35'N Long.: 31°22'E Alt.: 5095 ft. Standard Time 3h 00m East. Ref. No. 89.31/03.

Month	Atmospheric Pressure		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall in 24hrs.			
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	24.994	24.903	66.2	80.3	60.3	62.2	.529	.564	.121	.481	81	54	4.1	6.3	11	1	8	9	2	17.5	0.69	0.27	19	3	3
February	24.991	24.914	63.2	79.9	59.8	62.6	.520	.573	.068	.468	89	56	5.4	6.7	3	5	12	5	4	50.5	1.99	1.16	20	8	4
March	24.994	24.911	63.2	77.0	59.7	61.8	.517	.558	.068	.378	88	60	6.8	7.1	4	1	7	8	11	96.8	3.81	1.16	9	20	5
April	24.993	24.926	65.0	75.0	59.9	62.1	.520	.564	.107	.513	84	65	7.3	8.2	2	2	5	10	11	91.2	3.59	0.95	18	19	5
May	25.021	24.962	64.7	74.7	60.1	63.3	.526	.588	.091	.430	85	68	8.0	7.9	0	2	5	13	11	156.2	6.15	1.26	8	20	8
June	25.047	24.981	64.1	73.2	59.3	61.4	.511	.549	.094	.378	85	67	6.9	8.0	0	5	4	12	8	104.4	4.11	1.14	30	12	10
July	25.038	24.979	63.1	74.8	58.9	61.3	.502	.546	.080	.417	86	63	6.7	7.6	2	3	8	9	9	72.1	2.84	0.84	1	13	13
August	25.033	24.985	63.5	77.0	58.5	61.2	.496	.546	.09	.390	85	58	6.9	8.2	0	5	7	10	9	164.1	6.46	1.20	29	22	14
September	-	-	62.5	77.0	59.2	61.4	.508	.549	.066	-	89	59	7.4	8.3	0	3	7	10	10	236.7	9.32	1.51	7	17	15
October	25.018	24.959	62.6	76.3	59.1	61.9	508	.561	.065	-	89	62	7.5	7.7	0	5	5	6	14	125.0	4.92	0.91	7	19	19
November	25.025	24.950	64.5	76.4	59.6	62.4	517	570	.097	-	84	62	7.1	8.2	0	1	6	11	4	89.9	3.54	0.72	18	7	14
December	25.015	24.935	64.9	77.7	58.8	62.6	502	573	.102	57	83	60	5.2	7.3	7	4	4	12	4	28.2	1.11	0.66	6	6	6
Year	-	-	63.9	76.6	59.4	62.0	513	562	088	462	86	61	6.6	7.6	29	37	78	115	97	1212.6	48.53	1.51	Sept. 7	-	116

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-6	>	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	13	0	0	0	18	0	0	0	0	9	22	0	17.0	17.9	85.0	20	57.0	30	80.7	60.2	70.5	27.0	16.0	20.5	1	20	10
February	11	0	0	0	18	0	0	0	0	12	17	0	16.8	16.6	84.0	often	57.0	8	80.1	59.6	69.9	26.5	12.0	20.5	1	17	11
March	15	0	0	0	16	0	0	0	0	12	19	0	15.2	15.7	85.0	29	57.0	often	77.3	59.8	68.5	27.0	7.0	17.5	2	15	14
April	3	0	2	5	13	2	0	0	5	16	9	0	9.2	13.9	85.0	4,5	52.0	10	78.3	60.9	69.6	27.0	4.0	17.4	0	4	26
May	2	0	1	7	12	3	2	0	4	12	15	0	12.3	9.8	79.7	2	58.0	4,5	76.5	60.8	68.7	19.6	9.0	15.7	3	2	26
June	11	2	1	0	11	2	2	0	0	14	15	0	14.5	16.8	76.0	often	56.6	-	74.2	61.0	67.6	19.4	8.0	13.2	0	3	26
July	17	0	1	2	8	3	0	0	0	18	13	0	12.3	9.4	78.0	often	56.0	12	74.9	60.0	67.5	19.0	8.4	14.9	3	4	24
August	16	0	0	5	9	0	0	1	0	15	16	0	14.8	13.4	78.0	often	57.0	often	77.2	59.3	68.3	21.0	14.0	17.9	3	4	24
September	15	0	0	3	11	0	0	1	0	14	16	0	14.8	10.1	79.1	20	56.0	often	77.1	58.6	67.9	22.0	13.8	18.5	3	4	23
October	12	0	0	0	15	1	0	2	0	12	18	0	17.0	11.9	78.0	often	57.0	25	76.3	59.4	67.9	20.0	14.0	16.9	6	2	22
November	11	0	0	1	9	1	0	0	0	12	10	0	14.3	13.6	78.0	often	57.0	15	77.1	59.8	68.5	21.0	13.0	17.2	2	1	19
December	15	0	0	2	13	1	0	0	0	15	16	0	14.1	12.5	-	-	57.0	15,30	-	59.3	-	-	-	-	2	9	20
Year	141	2	5	25	153	13	4	4	9	161	186	0	14.3	13.5	-		52.0	April 10	-	59.9	-	-	-	-	26	85	245

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAMASAGALI, 1948.

Lat.: 1°01'N Long.: 32°57'E Alt.: 3400 ft. Standard Time 3h 00m East. Ref. No. 88.32/00.

Month	Atmospheric Pressure h 8.30 ins.	Atmospheric Pressure h 14.30 ins.	Temperature Dry Bulb h 8.30 F.	Temperature Dry Bulb h 14.30 F.	Temperature Dew Point h 8.30 F.	Temperature Dew Point h 14.30 F.	Vapour Pressure h 8.30 ins.	Vapour Pressure h 14.30 ins.	Saturation Deficit h 8.30 ins.	Saturation Deficit h 14.30 ins.	Relative Humidity h 8.30 %	Relative Humidity h 14.30 %	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder.
January	-	-	67.6	85.6	64.6	61.0	.614	.540	.068	.703	90	44	6.1	5.0	1	3	10	10	0	0.0	0.00	0.00	-	0	1
February	-	-	68.9	87.4	65.1	60.7	.626	.537	.089	.774	88	41	6.1	5.1	0	1	17	11	0	40.9	1.61	0.42	25	7	0
March			69.3	85.9	65.6	60.8	.638	.537	.086	.712	88	43	5.5	5.2	0	4	17	10	0	83.3	3.28	0.94	30	11	0
April			69.8	84.1	66.8	63.7	.664	.597	.074	.584	90	51	6.3	4.5	0	0	15	15	0	137.2	5.40	1.21	21	13	0
May			69.3	78.5	66.5	68.1	.656	.694	.068	.292	91	58	6.2	4.5	0	0	17	13	1	136.9	5.39	1.03	14	18	0
June			68.2	79.5	65.4	65.6	.632	.635	.065	.384	91	62	6.5	5.9	0	0	14	16	0	74.2	2.92	0.94	23	11	0
July			68.1	86.1	64.8	65.4	.620	.632	.036	.405	95	61	7.2	5.2	0	1	8	18	4	149.6	5.89	1.65	1	14	0
August			67.4	80.3	64.9	65.5	.620	.635	.059	.407	92	61	6.2	4.5	0	5	8	18	0	181.6	7.15	2.74	1	20	1
September			67.8	84.0	65.3	66.1	.632	.644	.056	.425	92	60	6.3	4.9	0	1	14	15	0	216.4	8.52	1.67	26	19	0
October			69.0	81.6	65.9	66.6	.644	.659	.071	.431	90	60	6.5	5.4	0	1	13	17	0	157.5	6.20	1.30	30	13	0
November			69.2	84.2	64.8	64.1	.620	.605	.104	.579	85	51	5.0	4.5	0	10	10	10	0	102.1	4.02	1.90	18	14	0
December			66.7	84.1	63.3	62.6	.588	.573	.073	.608	89	48	6.3	4.8	0	2	14	15	0	19.8	0.78	0.72	1	3	0
Year			68.3	82.7	65.3	64.2	.629	.607	.071	.525	90	53	6.2	4.9	1	28	157	168	5	1299.3	51.16	2.74	Aug. 1	148	2

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	≥8	Mean Wind Velocity h 8.30 m.p.h.	h 14.30 m.p.h.	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min.	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis
January	0	0	1	5	0	8	0	3	7	17	0	0	4.7	5.1	94.0	31	58.3	31	89.3	62.2	75.7	35.7	12.6	27.1	0	7	17
February	0	15	1	2	0	1	0	3	7	22	0	0	3.4	6.7	95.0	15	58.6	15	90.4	62.8	76.6	36.4	17.3	27.6	0	5	24
March	0	19	0	5	0	3	0	2	2	29	0	0	2.7	6.9	94.5	26	60.6	24	88.9	63.5	76.2	32.1	13.7	25.4	0	5	26
April	0	13	0	4	0	0	0	6	7	23	0	0	2.2	6.9	95.7	2	62.4	19	87.2	65.1	76.1	30.0	12.4	22.1	0	5	25
May	0	6	2	3	0	0	0	7	13	18	0	0	1.6	5.8	89.5	2,24	62.2	17	85.3	65.0	75.1	24.6	16.4	20.3	0	14	17
June	0	12	2	3	0	1	0	3	9	21	0	0	2.2	3.8	87.5	22	60.7	22	82.7	63.8	73.3	26.8	13.8	18.8	0	5	25
July	0	3	3	2	1	1	0	2	19	12	0	0	2.0	4.0	87.5	10	58.9	28	82.5	63.3	72.9	24.2	4.2	19.2	1	10	20
August	0	4	1	1	0	1	0	3	21	10	0	0	0.9	3.8	86.4	26	59.3	5	82.7	63.0	72.9	23.4	7.4	19.7	0	10	21
September	0	2	5	3	0	2	0	7	11	18	1	0	3.4	5.1	87.8	18	60.4	6	83.7	62.8	73.3	26.1	12.5	20.9	0	3	27
October	0	8	7	1	0	0	0	6	9	22	0	0	3.4	4.5	88.4	1	61.4	15	84.5	64.1	74.3	25.9	12.3	20.4	0	2	29
November	0	4	6	2	0	3	0	4	11	19	0	0	3.1	3.8	89.8	13	58.8	13	86.4	62.6	74.5	31.0	17.9	23.8	0	1	29
December	0	8	6	4	0	4	0	7	2	29	0	0	4.0	4.7	90.2	10	52.7	26	87.2	59.0	73.5	33.6	20.4	27.3	0	1	30
Year	0	94	34	35	1	24	0	53	118	240	1	0	2.8	5.1	95.7	April 2	52.7	Dec. 26	1159	63.1	74.5	36.4	4.2	22.7	1	68	290

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SOROTI 2ND ORDER STATION, 1948.

Lat.: 1°43'N Long.: 33°37'E Alt.: 3697 ft. Standard Time 3h 00m East. Ref. No. 88.33/06.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30 h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max. Fall in 24hrs			
	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January			71.1	86.6	61.4	56.6	.552	.464	.216	.856	72	35	2.0	5.0	18	6	3	3	1	15.5	0.61	0.58	22	2	1
February			71.7	88.2	63.9	56.0	.599	.455	.187	.903	76	33	2.4	5.4	10	12	2	5	0	39.6	1.56	0.78	2[illegible]	4	0
March			71.8	88.5	64.7	55.4	.597	.443	.191	.915	76	33	3.4	6.5	9	10	4	7	1	18.3	0.72	0.30	31	5	0
April			70.[illegible]	85.9	65.3	60.4	.629	.532	.171	.717	79	43	6.0	7.5	0	7	12	7	4	126.0	4.96	2.20	20	15	1
May			71.2	80.9	66.2	66.3	.650	.653	.121	.413	84	61	5.8	8.1	0	4	19	5	3	131.8	5.19	0.71	21	21	10
June			68.8	76.8	65.2	64.7	.629	.620	.083	.313	88	67	7.5	6.7	0	0	10	17	3	192.0	7.56	1.58	12	18	21
July			67.7	78.3	64.0	64.4	.602	.611	.083	.366	88	63	6.7	6.6	0	2	12	17	0	171.2	6.74	1.65	15	16	16
August			67.7	78.7	64.8	64.5	.620	.611	.065	.381	91	62	6.1	6.1	0	1	18	11	1	331.0	13.03	2.88	20	19	13
September			68.5	80.4	65.4	64.1	.632	.605	.071	.443	90	58	5.9	6.9	0	2	16	11	1	90.7	3.57	.05	3	16	14
October			69.6	81.8	64.9	64.5	.620	.611	.109	.485	85	56	6.5	6.7	0	0	18	13	0	193.0	7.60	0.94	29	16	18
November			70.2	85.1	61.5	59.6	.552	.517	.195	.703	74	42	5.5	6.4	0	2	22	5	1	38.1	1.50	0.61	22	5	10
December			70.8	85.9	58.9	56.2	.505	.458	.257	.794	66	37	6.5	7.6	0	1	15	10	3	0.0	0.00	0.00		0	0
Year			70.[illegible]	8[illegible]	65.[illegible]	61.1	[illegible]	.548	.146	.607	81	49	5.3	6.6	37	47	151	11[illegible]	18	1347.2	53.04	2.88	Aug 20	134	105

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Clear Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	4	3	15	6	3	0	0	0	0	31	0	0	2.2	3.4	97.5	25	62.0	1,4	90.4	64.9	77.7	31.5	16.0	25.5	0	13	18
February	0	8	11	8	1	1	0	0	0	29	0	0	2.5	3.1	96.5	15	63.0	11	92.5	66.5	79.5	30.5	19.5	26.1	0	3	26
March	1	2	11	4	4	1	0	1	1	30	0	0	2.5	6.3	98.8	26	62.0	often	90.8	65.7	78.3	33.5	12.5	25.1	0	0	31
April	0	1	10	5	5	5	1	0	3	27	0	0	3.1	5.8	96.0	2	63.7	29	88.5	66.5	77.5	27.9	11.9	22.0	0	0	30
May	3	5	5	9	1	6	0	0	2	29	0	0	2.2	2.9	89.1	2	63.9	17,30	83.9	65.6	74.7	23.0	10.8	18.4	0	0	31
June	17	0	6	0	0	0	3	4	0	30	0	0	2.0	2.0	84.0	3	61.5	17	80.6	64.2	72.4	20.5	8.5	16.4	0	1	29
July	14	0	11	0	0	0	5	1	0	31	0	0	2.0	2.0	84.0	7	61.0	11,30	80.8	63.3	72.1	21.0	11.0	17.5	0	1	30
August	18	0	9	0	0	0	1	3	0	31	0	0	2.0	2.0	84.9	27	60.0	3	81.5	62.8	72.1	22.0	9.5	18.7	0	0	31
September	15	1	8	1	0	0	1	4	0	30	0	0	2.0	2.2	88.6	19	61.0	23	83.4	63.2	73.3	25.4	14.5	20.1	0	1	29
October	21	0	5	0	1	0	1	3	0	31	0	0	2.0	2.0	87.9	2	60.5	11	84.5	63.5	74.0	24.9	15.0	21.0	0	0	31
November	13	2	4	1	1	1	0	8	0	29	1	0	3.1	4.9	89.5	13	60.0	12	86.5	63.1	74.8	28.5	17.5	23.5	0	0	30
December	6	8	4	3	3	2	0	3	0	26	3	0	4.7	7.6	93.0	18	58.5	21	88.1	63.7	75.9	31.4	19.0	24.4	0	5	24
Year	112	30	99	37	19	22	12	27	6	354	4	0	2.5	3.7	98.8	March 26	58.5	Dec. 21	85.9	64.4	75.2	33.5	8.5	21.[illegible]	0	24	340

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TORORO 2ND ORDER STATION, 194

Lat : 0°42 N Long.: 34°10E Alt.: 4022 ft. Standard Time 3h 00m East. Ref No 89.34

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall			Number of Days of		
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total	Max. Fall in 24hrs.		Thunder	Hail	Thick Fog
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	Date			
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%									ins				
January	25.948	25.862	67.1	84.7	57.5	54.8	.478	.434	.192	.771	71	36	4.5	7.1	5	12	2	3	7	57.1	2.25	0.78	29	8	-
February	25.948	25.856	68.9	87.1	58.0	54.0	.487	.422	.228	.877	68	32	4.2	6.5	0	17	3	7	2	12.7	0.50	0.26	2	4	-
March	25.951	25.871	68.1	83.7	60.4	58.0	.532	.487	.162	.679	77	42	6.1	6.5	0	7	10	14	0	123.2	4.85	1.44	18	16	13
April	25.930	25.856	68.7	82.6	61.6	61.8	.555	.561	.154	.564	78	50	7.6	7.4	0	3	6	14	7	184.9	7.28	1.56	22	15	2
May	25.963	25.901	68.1	79.6	63.3	64.6	.588	.614	.106	.408	85	60	6.2	7.0	0	10	5	14	4	201.2	7.92	1.29	25	28	22
June	26.010	25.951	66.2	77.2	61.6	63.7	.552	.597	.101	.348	85	68	6.2	8.1	0	9	1	18	2	100.3	3.95	1.07	12	16	12
July	25.989	25.939	66.1	76.8	61.5	62.1	.552	.564	.098	.369	85	61	7.0	8.2	0	7	5	15	4	127.3	5.01	1.32	15	17	2
August	25.983	25.930	65.9	77.2	60.8	61.9	.537	.561	.107	.381	84	50	6.3	8.4	0	7	9	11	4	71.9	2.85	1.22	5	14	27
September	25.975	25.904	67.0	79.6	61.4	62.7	.549	.576	.118	.446	82	[illegible]	6.1	8.1	0	9	4	16	1	151.6	5.97	1.4	20	16	29
October	25.966	25.886	68.6	79.9	61.7	63.1	.555	.585	.151	.446	79	57	6.7	7.9	0	5	6	18	2	138.8	5.07	0.80	20	22	8
November	25.954	25.874	69.1	80.3	60.6	60.1	.535	.526	.183	.519	74	54	5.2	7.5	0	5	16	9	0	80.3	3.16	0.85	19	12	18
December	25.948	25.865	69.9	83.1	58.9	57.1	.502	.473	.236	.670	68	41	6.6	7.5	0	4	10	14	3	7.9	0.31	0.22	19	4	-
Year	25.968	25.891	67.8	81.0	60.6	60.3	.535	.533	.153	.540	78	51	6.1	7.5	5	95	73	155	38	1247.2	49.10	1.56	April 22	168	228

@ At station level: corrected for Temperature and to standard gravity

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 10.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis
															F.		F.		F.	F.	F.	F.	F.	F.			
													m.p.h.	m.p.h.													
January	0	4	0	6	17	3	0	1	0	29	2	0	6.5	10.3	92.7	10	56.1	2	87.8	60.2	74.0	35.3	16.0	27.6	0	8	23
February	0	1	3	6	14	0	1	4	0	23	6	0	7.6	11.9	96.0	15	58.9	2,8	89.6	62.8	76.2	36.5	17.6	26.9	0	3	26
March	1	1	1	9	8	0	1	2	8	21	2	0	4.0	9.4	94.4	26	58.7	18	86.6	62.9	74.7	32.4	14.4	23.8	0	0	31
April	0	4	0	9	10	1	2	2	2	26	2	0	5.1	9.2	94.5	2	61.0	often	84.8	62.6	73.7	31.5	15.9	22.2	0	1	29
May	2	1	2	16	5	2	2	1	0	29	2	0	4.7	5.1	84.0	often	59.9	8	81.4	62.3	71.9	22.5	14.1	19.1	0	1	30
June	5	2	2	7	6	2	1	5	0	28	2	0	4.3	7.2	81.8	7	58.0	22	79.3	60.8	70.1	22.0	14.0	18.5	0	0	30
July	7	1	2	3	6	4	1	7	0	31	0	0	4.3	7.2	91.1	26	57.6	26	82.5	61.0	71.7	33.5	11.9	21.5	0	1	30
August	4	2	2	7	5	0	0	11	0	31	0	0	4.9	7.6	89.2	2	57.2	11	80.4	60.0	70.2	31.0	10.1	20.4	0	4	27
September	11	2	1	6	5	1	1	3	0	30	0	0	3.6	7.2	84.8	18	57.8	25	81.7	59.8	70.7	25.8	16.8	21.9	0	0	30
October	6	4	4	8	4	0	2	3	0	30	1	0	3.8	7.4	85.6	10	58.0	3,8	82.5	60.9	71.7	26.0	16.1	21.6	0	0	31
November	4	4	2	6	11	0	1	2	0	30	0	0	4.3	8.9	87.0	12	56.8	13	83.1	60.0	71.5	30.0	11.0	23.1	0	0	30
December	2	5	11	4	4	1	3	1	0	29	2	0	4.5	9.4	88.8	18	56.4	21	85.1	60.9	73.0	30.0	16.6	24.2	0	11	20
Year	42	31	30	87	95	14	15	42	10	337	19	0	4.8	8.4	96.0	Feb. 15	56.1	Jan. 2	83.4	61.2	72.5	36.5	10.1	22.6	0	29	337

EAST AFRICAN

METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1948.

PART IV - ZANZIBAR.

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CONTENTS.

Chukwani
Victoria Gardens
Wete, Pemba

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT CHUKWANI, ZANZIBAR, 1948.

Lat.: 6° 15'S Long.: 39° 13'E Alt.: 61 ft. Standard Time 2h 45m East Reference Number 96.39/03.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point															Total		Max.Fall			Thun-
	h 8.30	h 14.30	8.30	14.30	8.30	14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	29.819	29.728	81.1	87.5	75.8	75.9	.901	.904	.171	.413	84	69	7.9	7.5	0	0	7	18	6	41.5	2.42	1.84	20	6	3
February	29.849	29.760	81.8	88.0	76.4	77.2	.918	.942	.178	.396	84	70	7.4	6.8	0	0	8	18	3	107.2	4.22	1.65	18	13	8
March	29.855	29.734	81.6	86.8	77.2	78.5	.942	.986	.148	.302	86	77	8.1	7.8	0	0	6	16	9	153.7	6.05	1.46	12	15	19
April	29.849	29.775	78.9	82.8	76.8	76.9	.930	.933	.068	.198	93	82	8.8	8.8	0	0	3	17	10	356.4	14.03	2.05	21	23	21
May	29.905	29.834	78.6	82.8	76.0	75.3	.907	.886	.079	.248	92	78	8.1	7.6	0	0	9	9	13	274.1	10.79	3.66	25	20	6
June	29.997	29.929	76.4	81.6	72.6	72.4	.809	.803	.109	.287	88	74	6.9	7.4	0	2	12	10	6	100.8	3.97	1.72	21	12	0
July	30.002	29.929	75.0	80.4	71.5	70.5	.780	.753	.097	.295	89	72	6.8	7.5	0	1	11	16	3	48.8	1.92	0.57	25	8	0
August	30.000	29.926	75.0	80.4	71.1	70.3	.771	.750	.106	.298	88	71	8.0	6.9	0	0	4	23	4	78.5	3.09	1.20	7	15	0
September	29.973	29.875	76.6	83.2	71.7	70.3	.786	.747	.138	.402	85	65	6.6	5.9	0	2	10	17	1	10.7	0.42	0.20	24	4	0
October	29.929	29.831	79.4	84.5	74.4	75.0	.859	.877	.154	.319	85	73	7.8	6.5	0	0	4	23	4	91.4	3.60	1.06	30	14	4
November	29.887	29.799	81.3	85.0	76.6	77.3	.924	.948	.154	.266	86	78	7.2	7.6	0	0	7	23	0	181.4	7.14	2.12	15	17	11
December	29.824	29.737	80.4	84.9	76.2	77.4	.913	.948	.135	.263	87	78	8.5	8.3	0	0	7	7	17	302.3	11.90	2.55	11	17	16
Year	29.907	29.821	78.8	84.0	74.7	74.7	.870	.873	.128	.307	87	74	7.7	7.4	0	5	88	197	76	1766.8	69.55	3.66	May 25	164	88

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h.									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30h		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	≥7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max Min.	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	22	5	0	0	0	0	1	1	2	28	1	0	6.0	9.6	93.8	19	73.0	22	89.5	75.6	82.5	19.5	7.2	13.9	1	0	30
February	16	3	0	0	0	1	1	2	6	23	0	0	2.9	5.6	96.8	14	74.9	22	90.9	75.9	83.4	20.1	9.4	14.9	0	0	29
March	5	1	0	0	1	6	4	2	12	18	1	0	2.9	4.0	93.9	16	74.0	14	90.3	76.9	83.6	16.9	3.4	13.4	0	0	31
April	0	1	0	0	0	26	0	0	3	24	3	0	6.9	6.0	89.6	5	73.0	9,27	85.2	76.0	80.6	15.0	3.8	9.2	0	0	30
May	0	0	0	0	3	28	0	0	0	23	8	0	10.7	11.0	88.0	5	72.0	19,29	84.9	75.6	80.3	13.2	5.3	9.3	0	0	31
June	0	0	0	0	1	29	0	0	0	19	11	0	11.4	11.9	85.8	19	70.5	22	82.7	74.1	78.4	12.5	6.0	8.6	0	0	30
July	0	0	0	0	1	30	0	0	0	16	15	0	12.3	13.2	85.6	28	70.0	26	81.9	72.7	77.3	12.6	7.1	9.2	0	0	31
August	0	0	0	0	4	27	0	0	0	20	11	0	11.0	14.5	85.3	31	69.0	13	81.8	71.4	76.6	14.5	7.7	10.4	0	0	31
September	0	0	1	4	12	12	0	0	1	21	8	0	10.1	15.0	92.3	22	69.0	19	84.9	71.3	78.1	20.5	7.0	13.6	0	0	30
October	0	0	4	11	7	8	0	0	1	29	1	0	6.3	12.3	92.6	25	69.9	5	87.2	73.4	80.3	19.5	9.3	13.8	0	0	31
November	1	4	0	8	3	1	0	1	12	18	0	0	3.6	6.9	92.2	3	72.8	18	87.5	74.3	80.9	18.4	8.4	13.2	0	0	30
December	6	6	3	1	0	2	0	6	7	20	4	0	5.4	5.1	92.9	8	71.6	28	87.5	75.2	81.3	18.1	4.4	12.3	0	1	30
Year	50	20	8	24	32	170	6	12	44	259	63	0	7.5	9.6	96.8	Feb. 14	69.0	Aug. 13 Sep 19	86.2	74.4	80.3	20.5	3.4	11.8	1	1	364

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT VICTORIA GARDENS, ZANZIBAR, 1948.

Lat.: 6° 10'S Long.: 39° 11'E Alt.: 18 feet Standard Time 2h 45m East Reference Number 96.39/12.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of occasions at 8.30 h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max.Fall in 24hrs ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	81.2	87.2	75.3	75.0	.886	.877	.189	.428	82	67	6.9	6.1	0	5	5	17	4	61.5	2.42	1.72	20	5	1
February	-	-	81.6	87.2	75.7	75.7	.898	.898	.192	.407	82	69	6.1	4.5	0	8	3	16	2	90.7	3.57	1.70	18	10	0
March	-	-	82.3	86.9	76.7	77.3	.930	.945	.186	.346	84	73	7.4	6.4	0	4	6	15	6	111.5	4.39	1.03	2	13	5
April	-	-	79.1	82.8	76.0	76.6	.907	.924	.097	.207	90	82	8.4	7.6	0	1	3	18	8	369.3	14.54	2.89	25	28	5
May	-	-	78.9	83.9	75.3	75.9	.886	.904	.112	.271	89	77	7.2	5.7	0	5	4	14	8	320.5	12.62	3.51	25	17	0
June	-	-	76.7	81.6	72.5	72.4	.806	.803	.121	.287	87	74	6.3	5.6	0	9	1	17	3	95.8	3.77	1.10	21	13	0
July	-	-	75.2	81.1	71.1	70.7	.768	.759	.115	.313	87	71	5.5	5.7	0	11	6	12	2	52.8	2.08	0.55	25	7	0
August	-	-	75.3	81.1	71.4	70.8	.777	.762	.109	.310	88	71	7.0	6.4	0	4	7	16	4	82.3	3.24	1.15	7	16	0
September	-	-	76.7	83.1	71.8	71.2	.786	.771	.141	.372	85	67	6.7	4.9	0	5	7	15	3	16.0	0.63	0.25	24	9	0
October	-	-	78.8	83.2	74.1	74.0	.850	.848	.145	.301	85	74	6.1	5.7	0	7	6	16	2	171.2	6.74	2.27	26	17	0
November	-	-	81.2	84.5	75.7	76.0	.898	.907	.177	.289	83	76	5.6	6.2	0	8	8	14	0	214.4	8.44	2.09	9	20	1
December	-	-	80.6	84.9	75.7	76.4	.898	.918	.156	.296	85	76	7.9	7.6	0	4	3	13	11	344.7	13.57	4.92	11	18	5
Year	-	-	79.0	83.9	74.3	74.3	.857	.860	.145	.319	85	73	6.7	6.0	0	71	59	183	53	1930.7	76.01	4.92	Dec. 11	173	17

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h. N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max-Min.	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	-	-	-	-	-	-	-	-	8	26	2	0	6.7	8.5	92.8	20	72.8	21,22	89.3	76.6	82.9	17.2	9.6	12.7	0	1	30
February	-	-	-	-	-	-	-	-	13	16	0	0	2.9	5.1	92.4	16	73.0	23	89.5	75.8	82.7	17.4	7.2	13.7	0	0	29
March	-	-	-	-	-	-	-	-	20	11	0	0	2.0	3.4	93.6	15	74.4	14	89.3	76.4	82.9	16.4	7.5	12.9	0	0	31
April	-	-	-	-	-	-	-	-	21	9	0	0	1.3	1.8	88.7	15	73.2	9,26	84.9	75.7	80.3	12.5	3.5	9.2	0	2	28
May	-	-	-	-	-	-	-	-	14	17	0	0	3.1	4.5	89.6	6	72.3	29	85.4	75.9	80.7	13.3	3.4	9.5	0	0	31
June	-	-	-	-	-	-	-	-	8	21	1	0	4.5	5.4	86.2	1	70.6	22	83.2	73.8	78.5	13.0	6.7	9.4	0	0	30
July	-	-	-	-	-	-	-	-	6	24	1	0	5.6	7.2	85.4	10	68.8	26	82.8	71.9	77.3	14.4	7.6	10.9	0	0	31
August	-	-	-	-	-	-	-	-	15	16	0	0	2.9	5.4	85.0	9,10	67.8	13	82.8	70.8	76.8	16.0	8.7	12.0	0	0	31
September	-	-	-	-	-	-	-	-	14	15	1	0	3.4	6.3	88.9	20	67.7	1	85.1	70.5	77.8	19.5	8.8	14.7	0	0	30
October	-	-	-	-	-	-	-	-	20	11	0	0	1.8	5.6	88.5	28	68.5	5	85.6	72.5	79.1	17.1	7.8	13.1	0	0	31
November	-	-	-	-	-	-	-	-	12	18	0	0	3.4	4.9	89.6	28	71.7	7	86.5	73.6	80.1	16.5	8.2	12.9	0	0	30
December	-	-	-	-	-	-	-	-	13	15	3	0	4.5	3.8	92.0	22,26	71.8	28	87.3	75.1	81.2	16.9	5.6	12.3	0	3	28
Year	-	-	-	-	-	-	-	-	159	199	8	0	3.5	5.1	93.6	March 15	67.7	Sept. 1	86.0	74.1	80.0	19.5	3.4	11.9	0	6	360

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT WETE, PEMBA, 1948.

Lat.: 5° 04'S Long.: 39° 43'E Alt.: 60 ft. Standard Time 2h 45m East Reference Number 95.39/01.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max.Fall in 24hrs ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	80.9	-	75.0	-	.877	-	.189	-	83	-	7.9	-	0	1	1	24	5	26.9	1.06	0.94	21	3	1
February	-	-	82.7	-	75.5	-	.892	-	.236	-	79	-	6.8	-	0	0	12	17	0	80.8	3.18	1.25	19	9	0
March	-	-	83.6	-	77.1	-	.939	-	.222	-	81	-	5.6	-	1	6	12	12	0	184.9	7.28	3.24	22	7	3
April	-	-	81.7	-	76.9	-	.933	-	.160	-	85	-	7.1	-	0	2	10	13	5	526.5	20.73	4.59	26	23	5
May	-	-	79.9	-	75.7	-	.898	-	.133	-	87	-	7.7	-	0	4	3	14	10	440.4	17.34	2.48	2	25	3
June	-	-	78.5	-	73.0	-	.821	-	.162	-	83	-	5.4	-	0	9	11	9	1	215.4	8.48	1.04	23	23	0
July	-	-	76.4	-	71.6	-	.783	-	.135	-	85	-	4.9	-	0	7	17	7	0	121.2	4.77	1.40	1	19	0
August	-	-	76.5	-	71.1	-	.768	-	.153	-	83	-	4.7	-	0	5	22	4	0	62.2	2.45	0.39	20	14	0
September	-	-	78.3	-	72.2	-	.797	-	.180	-	82	-	6.2	-	0	5	11	13	1	26.4	1.04	0.27	17	7	0
October	-	-	79.8	-	74.0	-	.848	-	.180	-	83	-	6.8	-	0	0	13	16	2	194.3	7.65	2.37	26	16	0
November	-	-	82.1	-	75.6	-	.895	-	.212	-	81	-	6.3	-	0	3	9	16	0	200.9	7.91	3.04	10	14	0
December	-	-	80.5	-	75.7	-	.898	-	.153	-	85	-	8.0	-	0	1	4	17	9	308.1	12.13	4.83	29	21	3
Year	-	-	80.1	-	74.5	-	.862	-	.176	-	83	-	6.5	-	1	43	125	164	33	2388.0	94.02	4.83	Dec. 29	181	15

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h. N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h. 1-3	4-7	>7	Mean Wind Velocity h 8.30 m.p.h.	Mean Wind Velocity h 14.30 m.p.h.	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
															F.		F.		F.	F.	F.	F.	F.	F.			
January	26	0	0	0	0	1	0	3	1	30	0	0	2.9	-	88.4	16	71.8	22	86.3	74.9	80.6	15.6	1.5	11.4	0	3	28
February	21	0	0	0	0	0	0	8	0	29	0	0	3.8	-	90.5	16	71.0	2	88.3	74.4	81.3	16.9	9.9	13.9	0	0	29
March	20	0	0	1	1	1	0	7	1	30	0	0	3.8	-	90.5	15	71.9	9	88.6	75.1	81.9	17.2	8.8	13.5	0	1	30
April	3	0	0	2	14	3	0	0	8	22	0	0	2.5	-	89.9	2	71.1	25	85.7	73.7	79.7	15.6	4.2	12.0	0	2	28
May	1	0	0	5	15	1	0	0	9	22	0	0	3.4	-	89.7	6	70.0	19,29	85.0	73.3	79.1	16.5	7.0	11.7	0	14	17
June	0	0	0	1	25	3	0	0	1	29	0	0	2.5	-	86.0	3	66.9	20	83.1	70.6	76.9	15.4	8.5	12.5	0	8	22
July	0	0	0	4	25	2	0	0	0	31	0	0	2.5	-	84.0	20	67.0	30	82.3	68.7	75.5	15.9	10.0	13.6	0	6	25
August	0	0	0	9	20	1	0	0	1	30	0	0	2.5	-	83.9	26	66.5	2	82.3	68.9	75.6	16.4	8.3	13.5	0	6	25
September	0	0	0	18	6	3	0	0	3	27	0	0	2.7	-	86.5	24	66.6	1	83.6	69.2	76.4	18.6	9.3	14.4	0	0	30
October	0	0	0	29	1	0	0	0	1	30	0	0	2.0	-	88.0	19	67.2	5	84.9	71.8	78.3	16.7	6.5	13.1	0	2	29
November	5	1	1	6	0	1	0	6	10	20	0	0	1.6	-	88.4	22	70.0	17,19	86.3	72.9	79.6	17.3	6.4	13.3	0	0	30
December	6	0	0	0	0	0	0	6	19	12	0	0	2.2	-	89.3	26	70.0	8	86.0	73.8	79.9	17.5	6.0	12.2	0	5	26
Year	82	1	1	75	107	16	0	30	54	312	0	0	2.7	-	90.5	Feb.16 Mar.1	66.5	Aug. 2	85.2	72.3	78.7	18.6	1.5	12.9	0	47	319